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ABSTRACT

A computer program that produces three reports based on asset inventory data--i.e. facilities and equipment data--is described. Written in FORTRAN IV (Level G), the program was used on the IBM 360 Model 91 at the University of California at Los Angeles (UCLA). The first report is a listing of data sorted by local, user-assigned identification number. The second lists the data by asset category, and the third orders the data on the basis of the bank check number for asset purchases. Each report is further broken down by contract number to facilitate the linkage of individual assets to specific projects or contracts. This document is intended to serve as the software documentation for the program. Included are a description of the program logic, data format specifications, program constraints and limitations, and operating instructions including the appropriate job control language (JCL) for the UCLA IBM 360/91. Program flowcharts, program listings, and sample reports are also provided. (DGC)

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SOUTHWEST REGIONAL LABORATORY TECHNICAL NOTE

DATE: October 12, 1972

NO: TN 5-72-56

TITLE: INVENTORY OF ASSETS

AUTHOR: Lanaii Kline

ABSTRACT

This program produces three reports based on the inventory of assets data. One report is a list of the data sorted on the local id number and totals. The second is a listing of the data sorted on the category number and totals; and the third is a listing of the data sorted by check number and totals. The rest of the reports are the same as the above but broken down by contract number.

This TN supersedes TN 5-72-38.

IR 002 163

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1.0 - PROGRAM IDENTIFICATION

INVENTORY OF ASSETS

2.0 - OBJECTIVE

This program produces three reports based on the inventory of assets data. One report is a listing of the data sorted on the local id number and totals. The second, is a listing of the data sorted on the category number and totals; and the third, is a listing of the data sorted by check number and totals. The rest of the reports are the same as the above but broken down by contract number.

3.0 - PROGRAM DESCRIPTION

3.1 - Program Logic

The program reads two cards per item and stores it in an array and adds the unit price to an element in the PENNY array or COUNT array based on the ADM-PROG-SP code, the budget year and contract number. Once the data is exhausted, a report is printed listing the data items which are presorted by local id number. The data is then sorted by category number, then the report is printed followed by the totals. For the third report, the data is sorted by check number, then printed followed by the totals. The above process is repeated except for each sort three reports are generated with the data sorted on an additional field, contract number. Therefore, the output consists of a report of the data sorted by local id number per contract number followed by the totals for that contract number, a report of the data sorted by category followed by the totals for that contract number, and a report of the data sorted by check number followed by the totals for that contract number.

3.2 - Variables and Internal Tables

Integers:

A - contains the alphanumeric character 'A'; which is used to determine in what category MORE(I,11) falls.

AMPER - contains the alphanumeric character ' ' used when the unit price is a debit (SIGN (NO)=BLANK) or '&' used when the unit price is a credit (SIGN(NO)=AMP).

COMPAR - contains the results of the function COMPAR. COMPAR equals -1, 0, or 1.

I - is the index to the array LIST after calling SORT.

I1 - is the index for YEAR. $1 \leq I1 \leq 5$

ISORT - is the index of the element of MORE which is to be sorted. ISORT equals 1 (sort on local id number), 2 (sort on category), or 13 (sort on check number).

IDMY - is a DO loop counter.

J - is a DO loop counter.

K - is a DO loop counter.

KK - is a DO loop counter

L - is a DO loop counter.

LL - is a DO loop counter.

M - is the first index for PENNY and COUNT. M represents the contract number index. $1 \leq M \leq 3$.

MCON - is the index of CON and is in common with NEWPAG.

MCOUNT - is the line counter. When MCOUNT becomes greater than fifty, NEWPAG is called and MCOUNT is assigned the value 8.

MFLAG - is a flag to indicate that a new contract number was found and to print a new header if MFLAG equals one and MORE (I,8) equals CON (2) if MFLAG equals two and MORE (I,8) equals CON (3).

MINUS - contains the alphanumeric character '-' and is used when the unit price is a credit (SIGN(NO) = MINUS).

MSORT - is the index of the element in MORE which is to be sorted along with the contract number in MORE. See ISORT.

N - is the third index for COUNT. N is the index for the budget year. $1 \leq N \leq 5$.

NO - contains the number of card pairs read and stored in MORE.

NY - is the second index for COUNT. NY is the index for administrative-program-special program. $1 \leq NY \leq 3$.

P - contains the alphanumeric value 'P'.

PAGE - is the page counter for each report. PAGE equals one at the beginning of the print command for each report generated.

S - contains the alphanumeric value 'S'.

Reals:

DOLLAR - contains the sum of PENNY (M,1) and PENNY (M,2).

Integer Arrays:

AMP (3000)* - is an array which contains a blank or an ampersand. If there is more than one check number per local id, AMP(I)=AMPER.

APS(3) - is an array which contains the values 'A', 'P', and 'S' where APS(1) equals 'A' (administrative), APS(2) equals 'P' (program), and APS(3) equals 'S' (special program).

CON(3) - is an array which contains the possible contract numbers. CON(1) equals 1512, CON(2) equals 3073, and CON(3) equals 5079.

DATE(20) - is an input array which contains the current inventory run date.

IHEAD(3000)* - is an array which is used as a scratch area for the SORT function.

LIST(3000)* - is the array which contains the record index of the records in MORE. These indices are stored in LIST in the order of the sort.

SIGN(3000)* - is the array which contains the sign ("-") for a credit or blank for a debit on the unit price in MORE.

YEAR(5) - is the array which contains the budget years. YEAR(I), I = 1 to 5 equals 0, 1969, 1970, 1971 and 1972; respectively.

* The array size is determined by the number of card pairs in the input data base.

Real Arrays:

COUNT (3,3,5) - is an array which contains the sum of the unit prices per contract number (first index) per adm-prog-spec.prog. (second index) per budget year (third index).

GRAND (4) - contains the company grand totals for administrative (1), for program (2), for special program (3), and for the sum of the three above and DOLLAR.

GTOTAL(3,4) - contains the contract (first index) totals for administrative (2), program (3), and special program (4), and the contract grand total which is the sum of the above three and PENNY(n) where n represents the contract number (n = 1 = 1512; n = 2 = 3073; and n = 3 = 5079).

PENNY(3) - contains the sum of the unit price per contract number where the adm-prog-spec. prog. variable is blank.

PRICE(3000)* - contains the unit price per record in MORE.

TOTAL(3,5) - contains the contract totals per year (second index).

3.3 - Input/Output Arguments

Input:

MCOUNT, NO - See Section 3.2

Output:

MCOUNT - See Section 3.2

COMMON:

DATE
MSORT
ISORT
MORE
MCON
PAGE
CON

- See Section 3.2

4.0 - SUBROUTINES AND FUNCTIONS

Subroutine NEWPAGE (MCOUNT) - causes a page eject and prints a page number and a heading on top of the new page. MCOUNT = 51 when the subroutine is called, and MCOUNT = 8 when program control returns to the main program.

INTEGER FUNCTION COMPAR (I,J) - is a user written compare routine which is called from SORT. COMPAR describes the sort order and key(s).

INTEGER FUNCTION SORT (LIST, IHEAD, NO, COMPAR) - is a sort routine described in TN 5-72-07 and TN 5-71-98. LIST contains the sorted pointers to the array MORE. IHEAD is a scratch area. NO is the number of records to be sorted. COMPAR is the result of the record comparison in the function, COMPAR. See attachment 5.

BLOCK DATA - is a FORTRAN block required when COMMON variables are assigned values in a DATA statement.

5.0 - DATA SPECIFICATIONS

5.1 - Input Formats
See Attachment 1

5.2 - Output Formats
See Attachment 2

6.0 - PROGRAM CONSTRAINTS AND LIMITATIONS

6.1 - Programming Language
FORTRAN IV

6.2 - Vendor
University of California, Los Angeles, Campus Computing Network (CCN)

6.3 - Storage Requirements
Compilation: 98K
Execution: 534K*
I/O Requests: 1572**

* This number changes according to the amount of data stored. Add the number of new card pairs times 140 to the storage requirements for execution to get the new requirements.

** This number changes according to the amount of data that is read from and written to peripheral devices.

6.4 - Hardware Configuration
IBM 360 Model 91, punched cards, line printer, (mag tape)

6.5 - Program Parameters
The maximum data pairs is 3000, but this number may alter.

6.6 - Error Messages

1. ERROR - YEAR DOES NOT MATCH ANY IN ARRAY YEAR
   an invalid year is punched in the input data.
   The program terminates.

2. NO IS GREATER THAN 3000
   PROCESS THOSE CARDS READ
   the number of input card pairs is greater than 3000.

7.0 - OPERATING INSTRUCTIONS

The program is submitted in a batch mode with the following cards:

COL 1

```
// AGB005pp JOB 't,iI,R,ID=INVENT,BIN=0738','name'
// PASSWORD abcdefgh
// EXEC FORTGCLG,RG=600K,PG='(50,50)'
//SYSIN DD *
     :
     :
program deck
/*
//GO.SYSIN DD *
date card
     :
     :
data deck
     :
     :
/*
//
```

If the input except the date is on tape, then use the following JCL:

COL 1 (substitute)

```
//GO.FT04001 DD UNIT=2400,LABEL=(,BLP),DISP=(,KEEP),
// VOLUME=SER=tape #,DCB=(RECFM=FB,LRECL=80,BLKSIZE=7280)
//GO.SYSIN DD *
date card
/*
//
for
//GO.SYSIN DD *
date card
     :
     :
data deck
     :
     :
/*
//
```

8.0 - PROGRAM FLOWCHART

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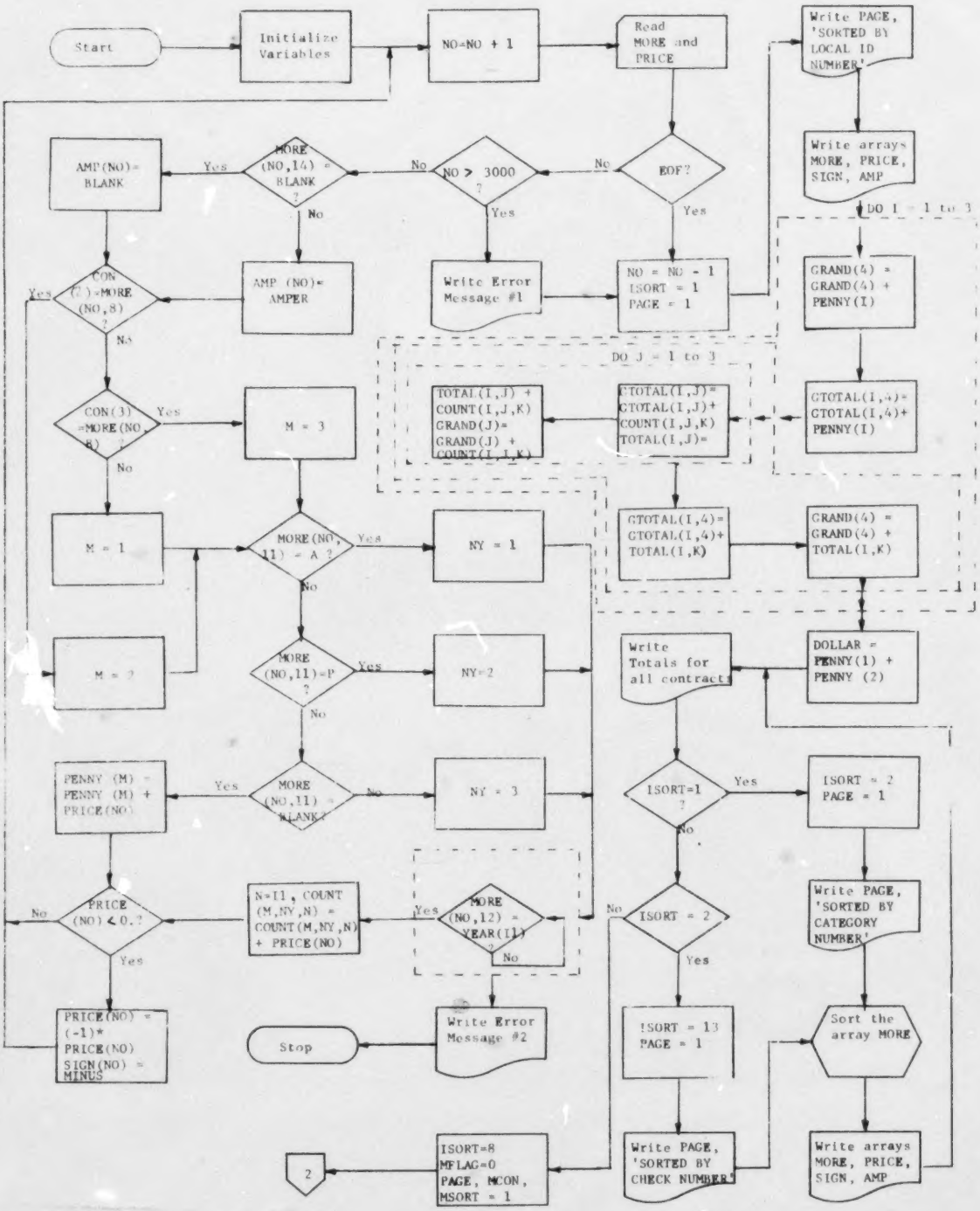
FLOWCHART LAYOUT FORM

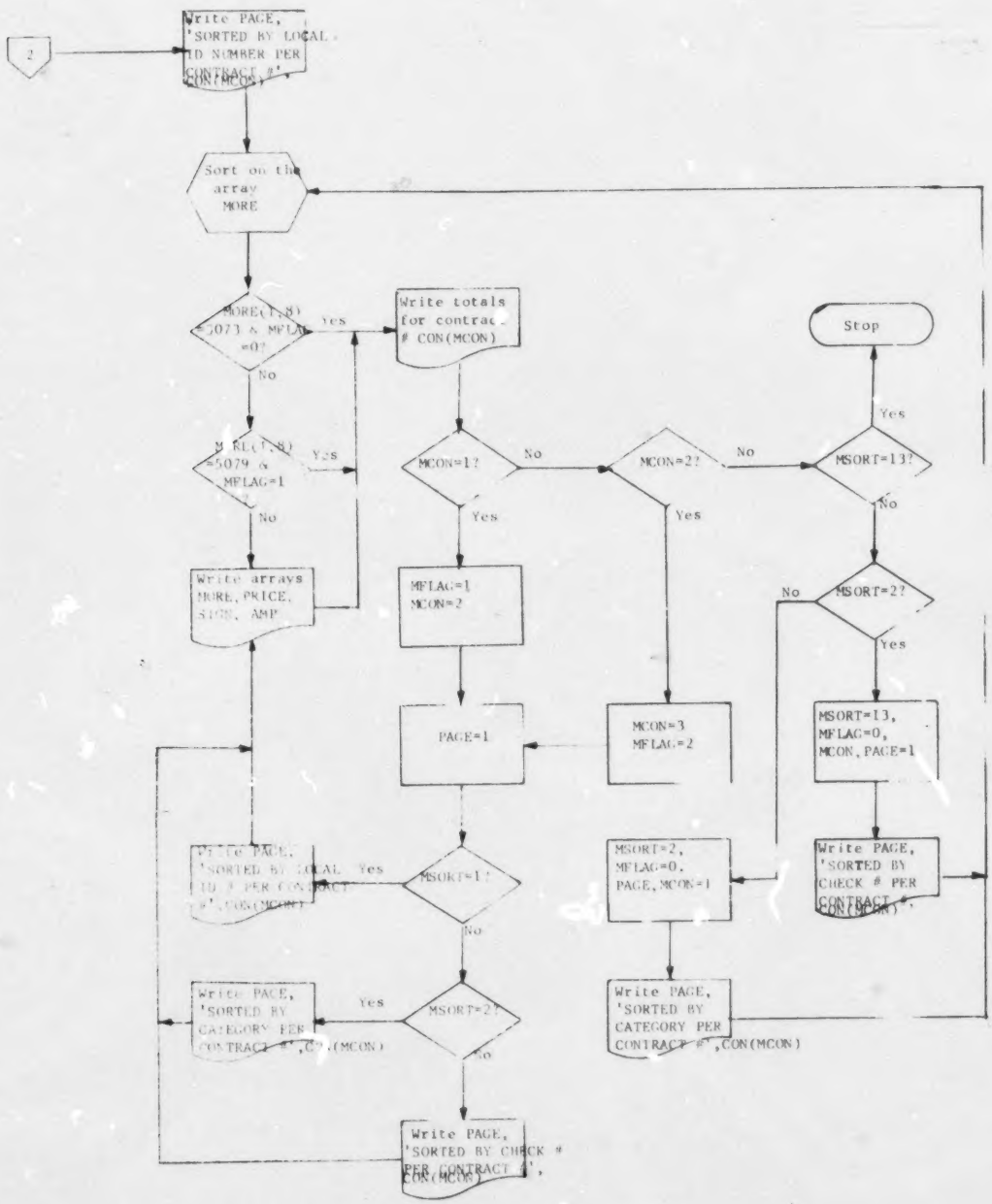
PROGRAMMER: Lanaii Kline
PROGRAM ID: INVENTORY OF ASSETS
DATE: May 9, 1972
PAGE 1 OF 2


Start
Initialize Variables
NO=NO + 1
Read MORE and PRICE
Write PAGE, 'SORTED BY LOCAL ID NUMBER'
Write arrays MORE, PRICE, SIGN, AMP
DO I = 1 to 3
GRAND(4) = GRAND(4) + PENNY(I)
GTOTAL(I,4)= GTOTAL(I,4)+ PENNY(I)
DO J = 1 to 3
GTOTAL(I,J)= GTOTAL(I,J)+ COUNT(I,J,K) TOTAL(I,J)=
TOTAL(I,J) + COUNT(I,J,K) GRAND(J)= GRAND(J) + COUNT(I,J,K)
GTOTAL(I,4)= GTOTAL(I,4)+ TOTAL(I,K)
GRAND(4) = GRAND(4) + TOTAL(I,K)
DOLLAR = PENNY(1) + PENNY (2)
Write Totals for all contracts
ISORT=1 ?
ISORT = 2 PAGE = 1
Write PAGE, 'SORTED BY CATEGORY NUMBER'
Sort the array MORE
Write arrays MORE, PRICE, SIGN, AMP
ISORT = 2 ?
ISORT = 13 PAGE = 1
Write PAGE, 'SORTED BY CHECK NUMBER'
ISORT=8 MFLAG=0 PAGE, MCON, MSORT = 1
2
MORE (NO,12) = YEAR(II) ?
N=11, COUNT (M,NY,N) = COUNT(M,NY,N) + PRICE(NO)
PRICE (NO) < 0.?
PRICE(NO) = (-1)* PRICE(NO) SIGN(NO) = MINUS
Stop
Write Error Message #2
PENNY (M) = PENNY (M) + PRICE(NO)
MORE (NO,11) = BLANK ?
NY = 3
M = 1
M = 2
MORE (NO,11)=P ?
NY=2
MORE (NO,11) = A ?
NY = 1
M = 3
CON(3) =MORE(NO, 8) ?
CON (3)=MORE (NO,8) ?
AMP(NO)= BLANK
AMP (NO)= AMPER
MORE (NO,14) = BLANK ?
NO > 3000 ?
Write Error Message #1
EOF?
NO = NO - 1 ISORT = 1 PAGE = 1
Yes
No

SWRL

Flowchart Layout Form

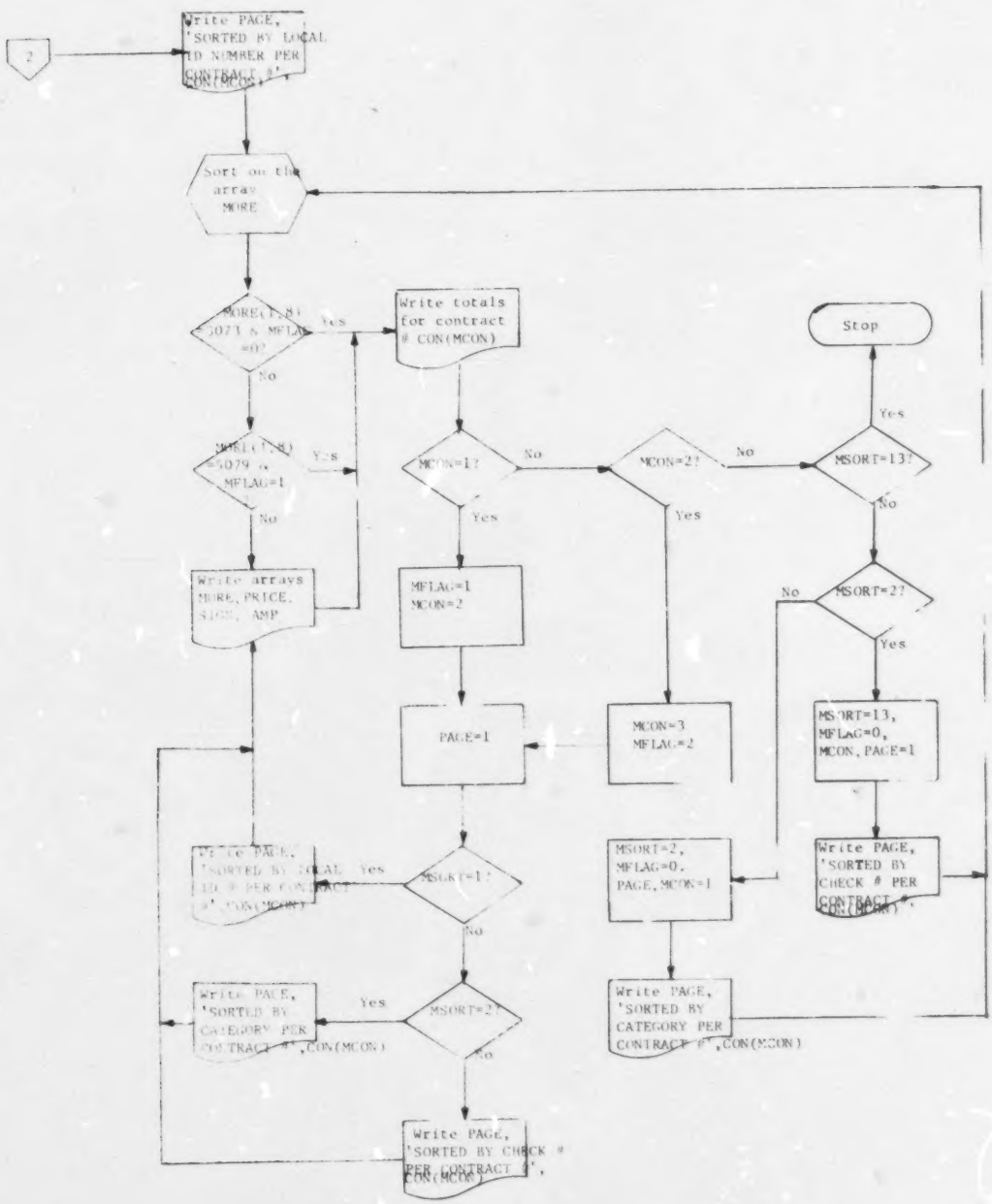
PROGRAMMER: Lanait Kline
PROGRAM ID: INVENTORY OF ASSETS
DATE:
PAGE 2 OF 2



SWRI

FLOWCHART LAYOUT FORM

PROGRAMMER: Lanali Kline
PROGRAM ID: INVENTORY OF ASSETS
DATE:
PAGE 2 OF 2



9.0 - PROGRAM LISTING

```
C*****************************************************************************
C
C     LINE(J),J=1,35
C          ITEM(1)              : LOCAL ID
C          ITEM(2)              : CATEGORY
C          ITEM(3)-ITEM(7)      : ARTICLE
C          ITEM(8)              : CONTRACT NUMBER-FIRST PORTION
C          ITEM(9)-ITEM(10)     : CONTRACT NUMBER
C          ITEM(11)             : DEPT-PROG-SP
C          ITEM(12)             : BUDGET YEAR
C          PRICE                : PRICE
C          ITEM(13)-ITEM(15)    : CHECK NUMBER
C          ITEM(16)-ITEM(17)    : DATE
C          ITEM(18)-ITEM(21)    : SERIAL NUMBER
C          ITEM(22)             : LOCAL ID
C          ITEM(23)             : CATEGORY
C          ITEM(24)-ITEM(33)    : DESCRIPTION
C          ITEM(34)-ITEM(35)    : LOCATION
C
C*****************************************************************************
      IMPLICIT INTEGER (A-Z)
      REAL*8 TOTAL(3,5),COUNT(3,3,5),PERC(3),CTOTAL(3,4),GRAND(4),
     +DOLLAR,PRICE(4500)
      DIMENSION SIGN(4500),YEAR(5),COL(3),LIST(4500),IREAD(4500)
      DIMENSION MORE(4500,35),ABS(3),ANP(4500)
      DIMENSION DATE(20)
      COMMON /X1/PAGE
      COMMON /X2/ISORT,MSORT
      COMMON /X3/CO
      COMMON /X4/MORE
      COMMON /X5/PRICE
      COMMON /X6/DATE
      EXTERNAL COMPAR
      DATA TWO/'2'/,ABS/'ABS ','PRICE','SPEC'/,MINUS,BLANK/'-',' '/
      DATA A,F,S,YEAR/'A','F','S',0,69,70,71,72/,AMPER/'&'/
      ISORT=1
      DOLLAR=0.0
      DO 100 I=1,3
      DO 100 J=1,3
      DO 100 K=1,5
      TOTAL(I,K)=0.0
100   COUNT(I,J,K)=0.0
      DO 450 I=1,3
450   PERCENT(I)=0.0
      DO 451 I=1,4500
451   SIGN(I)=BLANK
      DO 453 J=1,3
      DO 453 I=1,4
      CTOTAL(J,I)=0.0
453   GRAND(I)=0.0
      N=0
      M=1
      COUNT=0
      PAGE=1
      WRITE(6,10)
10    FORMAT('1BEGIN PROCESSING')
      READ(5,9999) (DATE(I),I=1,20)
9999  FORMAT(20A4)
```

```
      J=J+1
      READ(5,[illegible]=0) (MORE(NO,I),I=1,12),PRICE(NO),(MORE(NO,J),J=13,35)
     1 FORMAT(1X,12,4A4,A1,I4,A4,2A1,I2,F9.2,I3,1X,2(A4,A1),3A4,
     +2A4/13X,12,9A4,A2,2A4)
      IF(NO.GT.4500) GO TO 306
      IF(MORE(NO,14).EQ.BLANK) GO TO 4002
      ALPER(NO)=ALPER
 4003 IF(MORE(NO,2).EQ.MORE(NO,3)) GO TO 410
      IF(MORE(NO,3).EQ.MORE(NO,5)) GO TO 423
C
C           CONTRACT # EQUALS CON(1)
C
      M=1
  405 IF(MORE(NO,11).EQ.A) GO TO 401
      IF(MORE(NO,11).EQ.P) GO TO 402
      IF(MORE(NO,11).EQ.(LA R) GO TO 4001
C
C           SPECIAL
C
      NY=5
  406 DO 403 I1=1,5
      IF(MORE(NO,12).EQ.YEAR(I1)) GO TO 404
  403 CONTINUE
C
C           NO YEAR MATCH
C
      WRITE(6,1000)
 1000 FORMAT(' [illegible] DOES NOT MATCH ANY IN ARRAY YEAR')
      GO TO 2100
C
C           THERE IS NOT ANOTHER CHECK NUMBER ON THIS CARD
C
 4002 ALPER(NO)=BLANK
      GO TO 4003
  404 NY=I1
      COUNT(M,NY,N)=COUNT(M,NY,N)+PRICE(NO)
      IF(PRICE(NO).LT.0.0) GO TO 450
      GO TO 6
C
C           A CREDIT
C
  450 PRICE(NO)=(-1)*PRICE(NO)
      SIGN(NO)=MINUS
      GO TO 6
C
C           CONTRACT # EQUALS CON(2)
C
  402 M=2
      GO TO 405
C
C           CONTRACT # EQUALS CON(3)
C
  423 M=3                                    14
      GO TO 405
C
C           NOT APP., PROG., OR SPECIAL --- IT IS A BLANK
C
 4001 PENNY(N)=PENNY(N)+PRICE(NO)
```

```
      IF(P-ICL(.2).LT.0.2) GO TO 450
      GO TO 4
C
C             ADMINISTRATIVE
C
401    AY=1
      GO TO 406
C
C             PROGRAMATIC
C
402    AY=2
      GO TO 406
C
C             EXCEEDED THE DATA INPUT ARRAY
C
      WRITE(6,301)
301   FORMAT('000 IS GREATER THAN 3000'/' PROCESS THOSE CARDS READ')
2     NO=NO-1
C
C             SORT ON LOCAL ID
C
      ISORT=1
      PAGE=1
      WRITE(6,60) (DATE(IDAY),IDAY=1,20),PAGE
      WRITE(6,17)
17    FORMAT('0',54X,'SORTED BY LOCAL ID NUMBER')
      WRITE(6,11)
      MCOUNT=0
      DO 460 I=1,NO
      MCOUNT=MCOUNT+1
      IF(MCOUNT.GT.50) CALL HEADAC(MCOUNT)
      WRITE(6,9) (SCORE(I,J),J=5,10),(SCORE(I,K),K=1,2),(SCORE(I,L),L=11,
     +12),PRICE(I),SIGN(I),SCORE(I,13),ADM(I),(SCORE(I,KK),KK=14,21),
     +(SCORE(I,LL),LL=24,35)
9     FORMAT(' ',4A4,A1,1X,I4,A4,A1,1X,I5,'-',I2,2X,A1,2X,I2,1X,F9.2,
     +A1,1X,I5,A1,A4,A1,1X,A4,A1,1X,3A4,A2,1X,9A4,A1,1X,A4,A2)
460   CONTINUE
      GO TO 1333
C
C             SORTED BY CATEGORY NUMBER
C
3100  PAGE=1
      MCOUNT=0
      WRITE(6,60) (DATE(IDAY),IDAY=1,20),PAGE
60    FORMAT('1',20X,20A4,20X,'PAGE ',I3)
      WRITE(6,15).
15    FORMAT('0',54X,'SORTED BY CATEGORY NUMBER')
      WRITE(6,11)
11    FORMAT('0',4X,'ARTICLE',7X,'CONTRACT',2X,'LOCAL ID',1X,'ADM',1X,
     +'YR',5X,'UNIT',2X,'CHECK',7X,'DATE',2X,'SERIAL NUMBER',2X,
     +'SUBSCRIPTION',25X,'LOCATION'/1X,'NUMBER',13X,'PRG',5X,'PRICE',
     +2X,'NUMBER'/38X,'S='/'0')
      MCOUNT=MCOUNT+6
      ISORT=2
18    I=SORT(LAST,IHEAD,ND,SCORE)
14    IF(I.EQ.0) GO TO 13
      MCOUNT=MCOUNT+1
      IF(MCOUNT.GT.50) CALL HEADAG(MCOUNT)
```

```
      COMMON/A1/(DATE(I),I=1,20),PAGE,(COUNT(I,J,K),I=1,3),J=1,3),K=1,5),
     +(GRAND(I),I=1,4),(GTOTAL(I,J),I=1,4),J=1,3),(TOTAL(I,K),I=1,4),K=1,5),
     +(PENNY(I),I=1,3),(CON(I),I=1,3),(YEAR(K),K=1,5),
     +(DOLLAR(LL),LL=24,30)
      I=ISORT(1)
      GO TO 14
C
C              SORTED BY CHECK NUMBER
C
19    ISORT=1
      PAGE=1
      LCOUNT=0
      WRITE(6,60) (DATE(I),I=1,20),PAGE
      WRITE(6,21)
21    FORMAT('0',56X,'SORTED BY CHECK NUMBER')
      WRITE(6,11)
      LCOUNT=LCOUNT+6
      GO TO 18
1333  DO 4501 I=1,3
      GRAND(4)=GRAND(4)+PENNY(I)
      GTOTAL(I,4)=GTOTAL(I,4)+PENNY(I)
      DO 4501 K=1,5
      DO 4502 J=1,3
      GTOTAL(I,J)=GTOTAL(I,J)+COUNT(I,J,K)
      TOTAL(I,K)=TOTAL(I,K)+COUNT(I,J,K)
4502  GRAND(J)=GRAND(J)+COUNT(I,J,K)
      GTOTAL(I,4)=GTOTAL(I,4)+TOTAL(I,K)
4501  GRAND(4)=GRAND(4)+TOTAL(I,K)
      DOLLAR(1)=PENNY(1)+PENNY(2)
13    WRITE(6,2101) (DATE(I),I=1,20)
2101  FORMAT('1'//'0',20X,20A4)
      DO 2106 I=1,3
      WRITE(6,2104) CON(I)
2104  FORMAT('0CONTRACT ',I1,1X,'4//' ',35X,'TOTAL',4X,
     +'ADMINISTRATIVE',8X,'PROGRAM',5X,'SPECIAL PROGRAM',10X,'NONE OF TH
     +ESE'//'0')
      DO 2106 K=1,5
      L=YEAR(K)+1900
      IF(L.NE.1900)GO TO 2109
      IF(COUNT(I,1,K).LE.0.AND.COUNT(I,2,K).LE.0.AND.COUNT(I,3,K).LE.
     +0) GO TO 2106
      WRITE(6,2110) TOTAL(I,K),(COUNT(I,J,K),J=1,3)
2110  FORMAT(' ',30X,F10.2,5X,F9.2,10X,F9.2,7X,F9.2)
      GO TO 2106
2109  IF(COUNT(I,1,K).LE.0.AND.COUNT(I,2,K).LE.0.AND.COUNT(I,3,K).LE.
     +0) GO TO 2106
      WRITE(6,2103) L,TOTAL(I,K),(COUNT(I,J,K),J=1,3)
2103  FORMAT(' ',15X,I4,11X,F10.2,5X,F9.2,10X,F9.2,7X,F9.2)
2106  CONTINUE
      WRITE(6,2107) CON(I),GTOTAL(I,4),(GTOTAL(I,J),J=1,3),PENNY(I)
2107  FORMAT('0TOTAL CONTRACT ',I1,11X,2(F10.2,'*',3X),2(5X,F10.2,'*'),
     +10X,F10.2,'*'/////'0')
2108  CONTINUE
      WRITE(6,2004) GRAND(4),(GRAND(J),J=1,3),DOLLAR
2004  FORMAT('0GRAND TOTAL COMPANY',10X,2(F10.2,'**',3X),4X,F10.2,'**',
     +2(5X,F10.2,'**'),4X,F10.2,'**'/'1')
      IF(ISORT.EQ.1) GO TO 3100
      IF(ISORT.EQ.2) GO TO 19
C
```

```
C              SORT ON LOCAL ID NUMBER, PER CONTRACT NUMBER
C
      ISORT=8
      MCOUNT=0
      MFLAG=0
      PAGE=1
      MCON=1
      WRITE(6,60) (DATE(IDMY),IDMY=1,20),PAGE
      WRITE(6,177) CON(MCON)
177   FORMAT('0',41X,'SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER',
     +1X,I4)
      WRITE(6,11)
      MCOUNT=8
      MSORT=1
130   I=SORT(LIST,IHEAD,NO,COMPAR)
144   IF(I.EQ.0) GO TO 133
      IF((MORE(I,8).EQ.3073.AND.MFLAG.EQ.0).OR.(MORE(I,8).EQ.5079.AND.
     +MFLAG.EQ.1)) GO TO 133
      MCOUNT=MCOUNT+1
      IF(MCOUNT.GT.50) CALL NEWPAG(MCOUNT)
      WRITE(6,9) (MORE(I,J),J=3,10),(MORE(I,K),K=1,2),(MORE(I,L),L=11,
     +12),PRICE(I),SIGN(I),MORE(I,13),AMP(I),(MORE(I,KK),KK=14,21),
     +(MORE(I,LL),LL=24,35)
      I=LIST(I)
      GO TO 144
C
C              CHANGED CONTRACT NUMBER
C
132   MCON=2
      MFLAG=1
139   PAGE=1
      WRITE(6,60) (DATE(IDMY),IDMY=1,20),PAGE
      IF(MSORT.EQ.1) WRITE(6,177) CON(MCON)
      IF(MSORT.EQ.2) WRITE(6,210) CON(MCON)
      IF(MSORT.EQ.13) WRITE(6,211) CON(MCON)
      WRITE(6,11)
      MCOUNT=8
      GO TO 130
C
C              CHANGED CONTRACT NUMBER TO CON(3)
C
133   MCON=3
      MFLAG=2
      GO TO 139
133   WRITE(6,2101) (DATE(IDMY),IDMY=1,20)
      WRITE(6,2104) CON(MCON)
      DO 3102 K=1,5
      L=YEAR(K)+1900
      IF(L.NE.1900) GO TO 3103
      IF(COUNT(MCON,1,K).LE.0.AND.COUNT(MCON,2,K).LE.0.AND.
     +COUNT(MCON,3,K).LE.0) GO TO 3102
      WRITE(6,2110) TOTAL(MCON,K),(COUNT(MCON,J,K),J=1,3)
      GO TO 3102
3103  IF(COUNT(MCON,1,K).LE.0.AND.COUNT(MCON,2,K).LE.0.AND.
     +COUNT(MCON,3,K).LE.0) GO TO 3102
3111  WRITE(6,2103) L,TOTAL(MCON,K),(COUNT(MCON,J,K),J=1,3)
3102  CONTINUE
      WRITE(6,2107) CON(MCON),GTOTAL(MCON,4),(GTOTAL(MCON,J),J=1,3),
```

```
      +...(MSORT.EQ.1)
       I...(MSO...,EQ.1) GO TO 142
       I...(MSO...,EQ.2) GO TO 135
       I...(MSO...,EQ.13) GO TO 2100
       I...(MSO...,EQ.2) GO TO 135
C
C              SORT ON CATEGORY NUMBER PER CONTRACT NUMBER
C
       MCOUNT=7
       MFLAG=0
       PAGE=1
       MCON=1
       WRITE(6,60) (DATE(IDMY),IDMY=1,20),PAGE
       WRITE(6,210) CON(MCON)
210    FORMAT('0',41X,'SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER',
      +1X,I4)
       WRITE(6,11)
       MCOUNT=8
       GO TO 138
C
C              SORT ON CHECK NUMBER PER CONTRACT NUMBER
C
135    MSORT=13
       MFLAG=0
       PAGE=1
       MCON=1
       WRITE(6,60) (DATE(IDMY),IDMY=1,20),PAGE
       WRITE(6,211) CON(MCON)
211    FORMAT('0',43X,'SORTED BY CHECK NUMBER PER CONTRACT NUMBER',1X,I4)
       WRITE(6,11)
       MCOUNT=8
       GO TO 150
2100   WRITE(6,7000)
7000   FORMAT('1')
       STOP
       END
```

1.0 - PROGRAM IDENTIFICATION

BLOCK DATA

2.0 - OBJECTIVE

Sets up data assignments to variables which are in COMMON.

3.0 - PROGRAM DESCRIPTION

3.1 - Program Logic

N.A.

3.2 - Variables and Internal Tables

Integer Array:

CON(3) - is an array which contains the values of the possible contract numbers which may be found on the data file.

3.3 - Subroutine Input/Output Arguments

None

4.0 - SUBROUTINES AND FUNCTIONS

N.A.

5.0 - DATA SPECIFICATIONS

N.A.

6.0 - PROGRAM CONSTRAINTS AND LIMITATIONS

6.1 - Programming Language

FORTRAN IV

6.2 - Vendor

U.C.I.A. Campus Computing Network

6.3 - Storage Requirements

See Section 6.3 of the main program documentation.

6.4 - Hardware Configuration

IBM 360 Model 91

6.5 - Program Parameters

None

6.6 - Error Messages

None

7.0 - OPERATING INSTRUCTIONS

The block data section is run in batch mode and precedes the main program deck.

8.0 - PROGRAM FLOWCHART

SWRI

FLOWCHART LAYOUT FORM

PROGRAMMER: Lanaii Kline	DATE: May 9, 1972
PROGRAM ID: BLOCK DATA	PAGE 1 OF 1

9.0-PROGRAM LISTING

FORTRAN IV G LEVEL 20 BLK DATA DATE = 72152 18/50/13

```
0001          BLOCK DATA
0002          COMMON /X3/CON
0003          INTEGER CON(3)
0004          DATA CON/1512,3073,5C79/
0005          END
```

013505

1.0 - PROGRAM IDENTIFICATION

SUBROUTINE NEWPAG

2.0 - OBJECTIVE

This subroutine causes a form-feed command to be initiated and a new heading to be printed when the line count in the main program exceeds fifty. The FORTRAN output function does not do an automatic page eject after so-many lines are printed; therefore, this subroutine was required in order to assure top and bottom margins on the output.

3.0 - PROGRAM DESCRIPTION

3.1 - Program Logic
The program adds one to the page counter then writes the page number and a specific heading based on the value of ISORT and MSORT. It returns PCOUNT=8.

3.2 - Variables and Internal Tables
Integers:

PCOUNT - contains the current line count. PCOUNT = 51 when it is passed to NEWPAG, and PCOUNT = 8 when it is returned.

PAGE - contains the page number for the current report.

MCON - is the index of CON.

ISORT - is a flag whose value indicates how the array MORE is sorted. ISORT = 1, implies the array is sorted on local id; ISORT = 2 implies the array is sorted on category; ISORT = 8 implies the array is sorted on contract number and one other field; and ISORT = 13 implies the array is sorted on check number.

MSORT - is a flag whose value indicates what the secondary sort was on MORE when ISORT = 8.
MSORT = 1: local id.
MSORT = 2: category.
MSORT = 13: check number.

Integer Arrays:

DATE(20) - is an array which contains the current inventory run date.

CON(3) - is an array which contains the contract numbers.

3.3 - Subroutine Input/Output Arguments

Input/Output

PCOUNT - See Section 3.2

4.0 - SUBROUTINES AND FUNCTIONS

None

5.0 - DATA SPECIFICATIONS

None

6.0 - PROGRAM CONSTRAINTS AND LIMITATIONS

6.1 - Programming Language

FORTRAN IV

6.2 - Vendor

UCLA Campus Computing Network

6.3 - Storage Requirements

Compilation: 528

6.4 - Hardware Configuration

IBM 360 Model 91

6.5 - Program Parameters

None

6.6 - Error Messages

None

7.0 - OPERATING INSTRUCTIONS

This subroutine runs in batch mode and preceeds the main program deck.

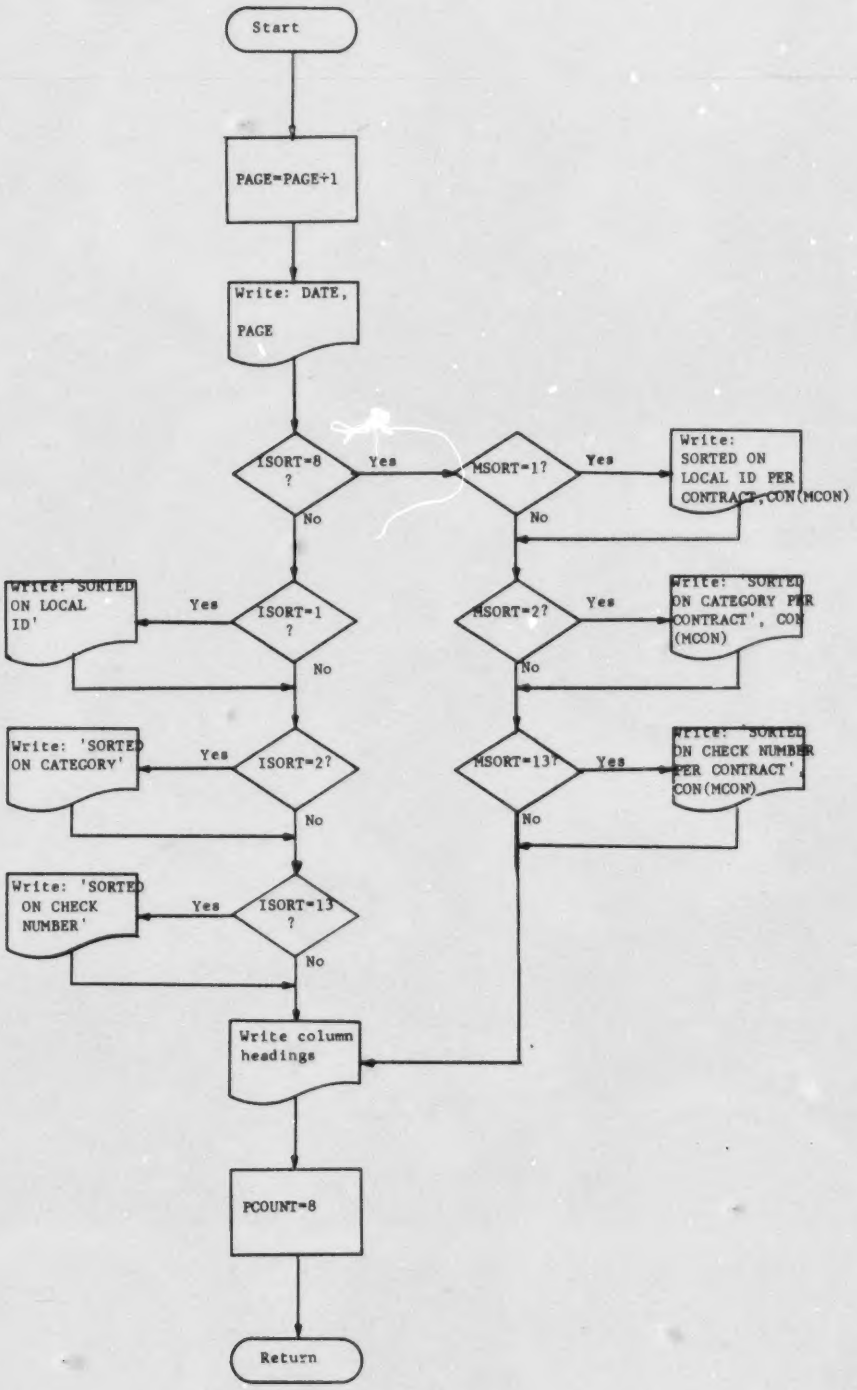
8.0 - PROGRAM FLOWCHART

SWRI

FLOWCHART LAYOUT FORM

PROGRAMMER: Lanail Kline
PROGRAM ID: SUBROUTINE NEWPAG

DATE: October 3, 1972
PAGE 1 OF 1



9.0 - PROGRAM LISTING

```
      SUBROUTINE HEDING(PCOUNT)
      IMPLICIT INTEGER (A-Z)
      COMMON /A1/PAGE
      COMMON /A2/ISORT,MSORT
      COMMON /A3/CON(5)
      COMMON /A5/MCON
      COMMON /A6/DATE(20)
      PAGE=PAGE+1
      WRITE(5,1) (DATE(I),I=1,20),PAGE
1     FORMAT('1',20X,20A4,21X,'PAGE ',I3)
      IF(ISORT.EQ.3) GO TO 8
      IF(ISORT.EQ.1) WRITE(5,2)
      IF(ISORT.EQ.2) WRITE(5,3)
      IF(ISORT.EQ.13) WRITE(5,4)
9     WRITE(5,10)
10    FORMAT(' ',4X,'ARTICLE',7X,'CONTRACT',1X,
     +'LOCAL ID ',1X,'AP''',1X,'YR',6X,'UNIT',2X,'CHECK',7X,'DATE',2X,
     +'SERIAL NUMBER',2X,'DESCRIPTION',25X,'LOCATION'/19X,'NUMBER',13X,
     +'PRO',8X,'PRICE',2X,'NUMBER'/38X,'SP'/'D')
      PCOUNT=8
      RETURN
8     IF(MSORT.EQ.1) WRITE(5,5) CON(MCON)
      IF(MSORT.EQ.2) WRITE(5,6) CON(MCON)
      IF(MSORT.EQ.13) WRITE(5,7) CON(MCON)
      GO TO 9
2     FORMAT('0',54X,'SORTED BY LOCAL ID NUMBER')
3     FORMAT('0',54X,'SORTED BY CATEGORY NUMBER')
4     FORMAT('0',56X,'SORTED BY CHECK NUMBER')
5     FORMAT('0',41X,'SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER',
     +1X,I4)
6     FORMAT('0',41X,'SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER',
     +1X,I4)
7     FORMAT('0',43X,'SORTED BY CHECK NUMBER PER CONTRACT NUMBER',
     +1X,I4)
      END
```

1.0 - PROGRAM IDENTIFICATION

SUBROUTINE COMPAR

2.0 - OBJECTIVE

This subroutine defines the sort keys and the order of the sort, i.e., ascending or descending.

3.0 - PROGRAM DESCRIPTION

3.1 - Program Logic

The program compares the i^{th} and j^{th} record of the array which is to be sorted on the ISORT element, where ISORT is defined in the main program. If the comparison is negative, COMPAR = -1, or if it is positive, COMPAR = 1, and the variable COMPAR is returned to the subroutine, SORT. If the comparison is zero, COMPAR = 0, then a variable, MSORT, is tested to determine whether it equals two or thirteen. If the test fails, then COMPAR is returned to the subroutine, SORT. If the test passes, a secondary sort is performed on the MSORT element of the array, MORE. The test results in a -1, zero, or one value assignment to COMPAR, and the result is returned to SORT.

3.2 - Variable and Integer Tables

Integers:

COMPAR - is the resultant value of the comparison. If the test results in a negative value, COMPAR = -1,

in a positive value, COMPAR = 1,
or in a zero value, COMPAR = 0.

I - is the i^{th} record being compared with the j^{th} record.

J - is the j^{th} record being compared with the i^{th} record.

ISORT - is the element on which to sort.

MSORT - is the element on which to perform the secondary sort.

Integer Arrays:

MORE(3000,35) - is the output array which is to be sorted on the ISORT element, or secondly, on the MSORT element.

3.3 - Input/Output Arguments

Input:

I, J - See Section 3.2.

Output:

COMPAR - See Section 3.2.

COMMON:

ISORT, MSORT, MORE - See Section 3.2.

4.0 - SUBROUTINES AND FUNCTIONS

None

5.0 - DATA SPECIFICATIONS

None

6.0 - PROGRAM CONSTRAINTS AND LIMITATIONS

6.1 - Programming Language

FORTRAN IV

6.2 - Vendor

UCLA Campus Computing Network

6.3 - Storage Requirements

Compilation: 672

6.4 - Hardware Configuration

IBM 360 Model 91

6.5 - Program Parameters

None

6.6 - Error Messages

None

7.0 - OPERATING INSTRUCTIONS

This program runs in batch mode and precedes the main program deck.

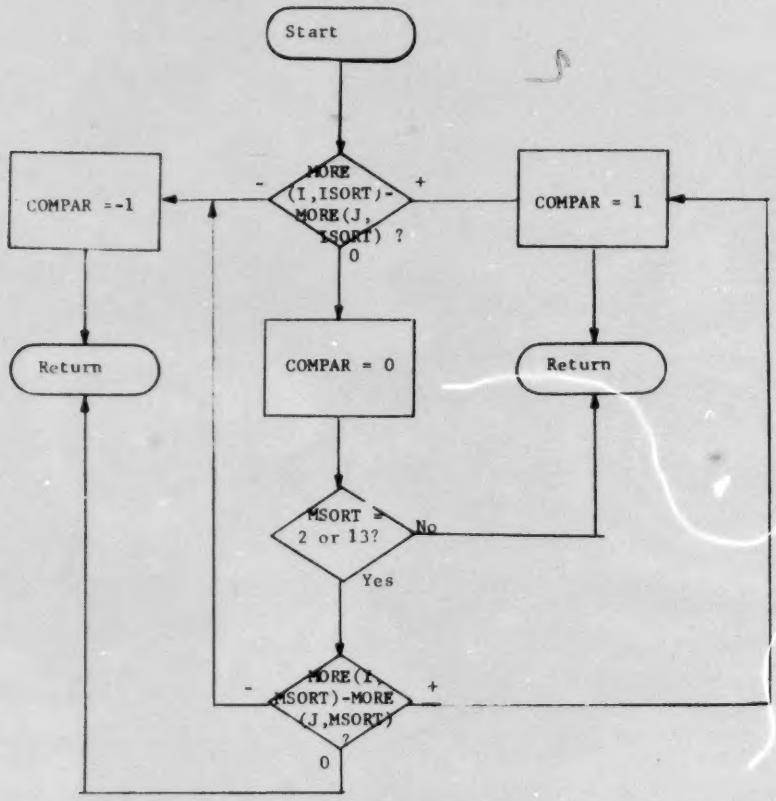
8.0 - PROGRAM FLOWCHART

SWRI

FLOWCHART LAYOUT FORM

PROGRAMMER: Lanaii Kline
PROGRAM ID: SUBROUTINE COMPAR

DATE: May 9, 1972
PAGE 1 OF 1



9.0 - **PROGRAM LISTING**

```
FORTRAN IV G LEVEL  20                  COMPAR              DATE = 72158        22/24/32

0001                    INTEGER FUNCTION COMPAR(I,J)
0002                    IMPLICIT INTEGER (A-Z)
0003                    COMMON /X2/ISORT,MORE(3000,35),MSORT
0004          50        IF(MORE(I,ISORT)-MORE(J,ISORT)) 10,20,30
0005          10        COMPAR=-1
0006                    RETURN
0007          20        COMPAR=0
0008                    IF(MSORT.EQ.2.OR.MSORT.EQ.13) GO TO 90
0009                    RETURN
0010          30        COMPAR=1
0011                    RETURN
0012          90        IF(MORE(I,MSORT)-MORE(J,MSORT)) 10,100,30
0013          100       RETURN
0014                    END
```

144890

October 3, 1972

Attachment 1

PROJECT: INVENTORY OF ASSETS

CARD LAYOUT FORM

Type of Card Inventory of Assets - Input: Date

Field No.	Field Description	Columns From	Columns Thru	No. of Columns	Coding Instructions
1	Run Date	1	80	80	Alphanumeric

Comments:

DATE: October 3, 1972

PROJECT: INVENTORY OF ASSETS

CARD FILE LAYOUT FORM

Type of Card Inventory of Assets - Input File: Inventory

Field No.	Field Description	Columns From	Thru	No. of Columns	Coding Instructions	
1	Local Id.	1	5	5	Right justify	Numeric
2		6	6	1	Code a hyphen	
3	Category	7	8	2	Right justify	Numeric
4	Article	9	25	17	Left justify	Alphanumeric
5	Contract Number	26	34	9	Left justify	Alphanumeric
6	Adm-prog-special prog	35	35	1		Alphabetic
7	Budget Year	36	37	2		Numeric
8	Unit Price	38	46	9	Right justify	Numeric (Decimal point in Column 44)
9	Check Number 1	47	51	5	Right justify	Numeric
10		52	52	1	Punch an ampersand if there is a 2nd check number	
11	Check Number 2	53	57	5	Right justify	Numeric
12	Date	58	62	5	Right justify	Numeric/Numeric*
13	Serial Number	63	76	14	Left justify	Alphanumeric
14		77	79	3	Blank	
15	Card Number	80	80	1	Punch a "1"	
16	Local Id.	1	5	5	Right justify	Numeric
17		6	6	1	Code a hyphen	
18	Category	7	8	2	Right justify	Numeric
19	Description	9	46	38	Left justify	Alphanumeric
20	[illegible]tion	47	54	8	Left Justify	Alphanumeric
21		55	79	25	Blank	
22	Card Number	80	80	1	Punch a "2"	

Comments:

SWRI COMPUTER SYSTEMS RECORD LAYOUT

TITLE: Inventory of Assets DATE: 10, 1972

FILE ID: Output Formats

PROGRAMMER: Lanaii Fline

RECORD MODE:
FIXED [X]
LENGTH 133
VARIABLE [ ]
MAX
MIN

BLOCKING FACTOR:
BLOCK CONTAINS [ ] RECORDS

REMARKS:

PRINT FILE LAYOUT [ ]
TAPE RECORD LAYOUT [ ]

FORMAT LEGEND:
△ = Blank, A = Alpha, N = Numeric, X = Alpha/Num., P = Packed Dec., O = Octal, H = Hexadecimal, B = Binary

RECORD I.D. Sorted Items

	Article	Contract Number		Local ID	Category	Adm-Proj-SP	Budget Year	Unit Price	sign	Check #1	ampersand	Check #2	Date	Serial Number	
FORMAT	A	N	A	N	A N	△ A	D N	A N		A N		A N	A	X	X
POSITIONS	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

[X] CONTINUED

RECORD I.D.

	Description	Location	
FORMAT	A	A	
POSITIONS	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100		

[ ] CONTINUED

RECORD I.D. Contract Totals per year before 1969

	Grand Year Total	Administrative Year Total	Program Year Total	Special Program Year Total	
FORMAT	N	N	N	N	
POSITIONS	5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100				

[X] CONTINUED

RECORD I.D.

FORMAT		
POSITIONS	5 10 15 20 25 30 35 40	

SWRI

FILE SYSTEMS
FILE RECORD LAYOUT

TITLE: _____ DATE: _____

FILE ID: _____

PROGRAMMER: _____

RECORD MODE:
FIXED ☐
LENGTH _____
VARIABLE ☐
MAX _____
MIN _____

BLOCKING FACTOR:
BLOCK CONTAINS
_____ RECORDS

REMARKS:

CARD LAYOUT ☐

TAPE RECORD LAYOUT ☐

FORMAT LEGEND:

△ = Blank	P = Packed Dec.
A = Alpha	O = Octal
N = Numeric	H = Hexadecimal
X = Alpha/Num.	B = Binary

RECORD I.D.
Contract Totals Per Year

| | | |

SWRI

RECORDING MODE:
FIXED ☐
LENGTH
VARIABLE ☐
MAX
MIN

REMARKS:

TITLE: DATE:

FILE ID:

PROGRAMMER:

BLOCKING FACTOR:
BLOCK CONTAINS
RECORDS

CARD LAYOUT ☐

TAPE
RECORD LAYOUT ☐

FORMAT LEGEND:
Δ = Blank P = Packed Dec.
A = Alpha O = Octal
N = Numeric H = Hexadecimal
X = Alpha/Num. B = Binary

RECORD I.D.
Company Grand Totals

| | | |

SWRI

...PUTER SYSTEM
.../RECORD LAYOUT

RECORDING MODE:
FIXED [X]
LENGTH 80
VARIABLE [ ]
MAX
MIN

REMARKS:

TITLE: INVENTORY OF ASSETS DATE: MAY , 1972

FILE ID: Input Formats

PROGRAMMER: Lanaii Kline

BLOCKING FACTOR:
BLOCK CONTAINS
91 RECORDS

CARD LAYOUT [ ]
TAPE
RECORD LAYOUT [X]

FORMAT LEGEND:
△ = Blank P = Packed Dec.
A = Alpha O = Octal
N = Numeric H = Hexadecimal
X = Alpha/Num. B = Binary

RECORD I.D.

	Local ID		Category	Article	Contract Number	Adm-Prog-SP Budget Year	Unit Price	Check #1	&	Check #2	Date Mo.	Date Yr.	Serial Number			Local ID		Category	Description
FORMAT	N	A	N	A	X	N	N	N	A	N	N		X	△	N	N	A	N	X
POSITIONS	5		10	15	20	25	30	35		40	45		50	55	60	65		70	75	80	85	90	95	100

[ ] CONTINUED

RECORD I.D.

	Description cont.	Location																	
FORMAT	X	A	△												N				
POSITIONS	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

[ ] CONTINUED

RECORD I.D.

FORMAT																			
POSITIONS	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

[ ] CONTINUED

RECORD I.D.

FORMAT																			
POSITIONS	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100

Sample Data

1-2-15CHALKBOARD	1512-709	21.16	793	11/66	1
1-2-15		I			2
1-3-03CHAIR	1512-249	68.64	830	11/66	1
1-3-03ARMCHAIR		C			2
1-4- 4DESK	1512-114A	177.03	1317	1/67	1
1-4- 4SECRETARIAL		CW			2
1-5-04DESK	1512-115A	177.03	1317	1/67	1
1-5-04SECRETARIAL		S			2
1-6-03CHAIR	1512-212A	92.56	427	9/66	1
1-6-03CONFERENCE		C			2
1-7-03CHAIR	1512-287	92.56	427	9/66	1
1-7-03CONFERENCE		I			2
1-8-04DESK	1512-116A	166.75	1230	1/67	1
1-8-04STAFF		C			2
1-9-15BULLETIN BOARD	1512-725	16.89	1166	12/66	1
1-9-15		C			2
1-10-03CHAIR	1512-218A	92.56	427	9/66	1
1-10-03CONFERENCE		I			2
1-11-02CABINET	1512-559	66.56	360	8/66	1
1-11-02FILING, 2 DRAWER		C			2
1-12-06DRAWING BOARD	1512-149	231.30	5908	76711/66	1
1-12-06A/LIGHT		C			2
1-13-16DESK LAMP	1512-803	27.88	803	11/66	1
1-13-16LUXO-FLUORESCENT		C			2
1-14-03CHAIR	1512-223	100.36	427	9/66	1
1-14-03YELLOW SWIVEL		C			2
1-15-04DESK	1512-116A	166.75	1230	1/67	1
1-15-04STAFF		C			2
1-16-15BULLETIN BOARD	1512-745	33.18	502	9/66	1
1-16-15		C			2
1-17-04DICTATING MACHINE	1512-409	430.00	226	7/6611-176809	1
1-17-04IBM MX,MODEL 211		CBAY 3			2
1-18-06TABLE	1512-117A	166.75	1230	1/67	1
1-18-06STAFF		S			2
1-19-02CABINET	1512-537	66.56	360	8/66	1
1-19-02FILING, 2 DRAWER		I			2
2- -15CHALKBOARD	1512-719	21.16	793	11/66	1
2-0-15		CW			2
2-1-03CHAIR	1512-231A	8.66	930	11/66	1
2-1-03SM, BLACK (ARMLESS)		C			2
2-2-03CHAIR	1512-230A	8.66	930	11/66	1
2-2-03SM, BLACK (ARMLESS)		C			2
2-3-04DESK	1512-153	192.40	819	11/66	1
2-3-04JR. EXEC.		CW			2
2- -02CABINET	1512-557	92.56	360	8/66	1
2- -02FILING, 4 DRAWER		CE			2
2-5-04DESK	1512-154	192.40	819	11/66	1
2-5-04JR. EXEC		C			2
2-6-10BINDER	1512-406	378.14	326	8/6613O5126	1
2-6-10		CW			2
2-7-09TYPEWRITER	1512-318	468.00	1050	12/662730377	1
2-7-09IBM		CW 15			2
2- -09TYPEWRITER STOLEN	1512-326	234.00	1572	2/67V6LR-428929	1
2- -09SMITH-CORONA		STOLEN			2
2-9-03CHAIR	1512-262	45.76	897	11/66	1
2-9-03SECRETARIAL		C			2
2-10-15CHALKBOARD	1512-710	21.16	793	11/66	1
2-10-15		C			2

211-14DESK	1512-119A		166.75	1230	1/67	1
211- 4STAFF				C		2
212-03CHAIR	1512-247		68.64	830	11/66	1
212-03ARMCHAIR				C		2
213-05TYPEWRITER STAND	1512-151		33.80	897	11/66	1
213-05SWIVEL				CW		2
214-07TYPEWRITER	1512-319		468.00	1050	12/662730363	1
214-07DESK				I122		2
215-12CABINET	1512-533		85.49	664	10/66	1
215-12FILING, 4 DRAWER				CE		2
216-14DESK	1512-155		192.40	819	11/66	1
216-14DR, EXEC				CE		2
217-15CHALKBOARD	1512-706		21.16	793	11/66	1
217-15				C		2
218-12CABINET	1512-556		66.56	360	8/66	1
218-12FILING, 2 DRAWER				C		2
219-15CHALKBOARD	1512-707		21.16	793	11/66	1
219-15				C		2
220-03CHAIR	1512-269		49.92	819	11/66	1
220-03STEEL,				C		2
221-06TABLE,SECTIONAL	1512-157		21.64	990	12/66	1
221-06CURVED				S		2
222-06TABLE	1512-152		21.40	930	11/65	1
222-06TEST				CW		2
223-03CHAIR	1512-202A		5.20	990	12/66	1
223-03CHILDS				C		2
224-03CHAIR	1512-201A		5.20	990	12/66	1
224-03CHILDS				C		2
4161-03CABINET	3073	A71	61.00	17757		1
4161-035 DR GREY FILE CABINET				S		2
4166-03CABINET	3073	A71	61.00	17757		1
4166-035 DR GREY FILE CABINET				S		2
4167-03CABINET	3073	A71	61.00	17757		1
4167-035 DR GREY FILE CABINET				S		2
4168-10DOGGER	3073	A71	105.00	17433	2/71	1
4168-1 ATTACHMENT FOR 1250 DUPLICATOR(SEE CD)CW						2
4169-10ROLLER, ROLLER	3073	A71	66.50	17433	2/71	1
4169-1 ATTACHMENT FOR 1250 DUPLICATOR(SEE CD)CW						2
4170-17MODEMS	3073		375.00	17574	1/71	1
4170-17LIVERMORE MODEL 71 MODEMS W/TTY CORD				I		2
4171-17MODEMS	3073		375.00	17574	1/71	1
4171-17LIVERMORE MODEL 71 MODEMS W/TTY CORD				I		2
4172-17TEL, TERM 2	3073		1875.00	17574	1/71	1
4172-17BASE UNIT BLACK MODE OR MEMORY				I		2
4173-14MICROPHONE	3073	P71	120.00	17626	2/71	1
4173-14SHURE DYNAMIC MICROPHONE				CW		2
4174-14MICROPHONE	3073	P71	120.00	17626	2/71	1
4174-14SHURE DYNAMIC MICROPHONE				CW		2
4175-04DESK	3073	A71	107.00	17512	1/71	1
4175-04STAFF DESK NO. MIDDLE DRAWER				I		2
4176-16FILM RACK	3073		169.20	17523	11/70	1
4176-16TO STORE 16MM FILM-NO DOORS				C		2
4177-03CALCULATOR	3073	A71	986.04	17738	3/7117003201	1
4177-03SHARP 361 M				CE		2
4178-03CHAIR	3073		82.00	17768	3/71	1
4178-03DOUBLE WIDTH GOLD FOR LOBBY				CW		2
4179-03CHAIR	3073		82.00	17768	3/71	1
4179-03DOUBLE WIDTH GOLD FOR LOBBY				CW		2

4[illegible]-1[illegible] JAM	5073	P71	1398.8717798		3/71705-23-227	1
4[illegible]-1[illegible] 2300 OFFICE TRAILER			C2			2
4[illegible]-1[illegible]OPERATOR	5073	A71	925.8617934		11/70GS-005-53054	1
4[illegible]-1[illegible]I-AUTOMATIC 16 STATION			C2			2
4[illegible]-1[illegible] UNIT	5073	A71	429.2617911		3/71	1
4[illegible]-1[illegible] 9000 TAPE DRIVE			I			2
4[illegible]-1[illegible]AGE DISP.	5073	A71	84.4617953		3/71	1
4[illegible]-1[illegible]ITCHES AT CIMARRON			C			2
4410-1[illegible]LIFT SEAT	5079	P72	134.60 0448		03/72	1
4[illegible]-1[illegible]ERATOR'S LIFT SEAT 145-020						2
4417-14CASE	5079	P72	69.00 0448		03/72	1
4[illegible]-14[illegible]ASE FOR LIFT SEAT 145-021						2
4[illegible]-12[illegible]JECTOR	5079	P72	3011.00	444	2/72395-00053	C1
4[illegible]-12[illegible]ER INTERLOCK MODEL P						C2
4[illegible]-14[illegible]STAL	5079	P72	225.49	444	2/72	C1
4[illegible]-14[illegible]ADAPTER						C2
4[illegible]-14[illegible]TOR	5079	P72	1710.00	444	2/726782	C1
4[illegible]-14[illegible]-FREQUENCY CRYSTAL MPR						C2
4[illegible]-14[illegible]ROPHONE	5079	P72	312.45	444	2/7209636	C1
4[illegible]-14[illegible]SENHEISER MKH 405						C2
4[illegible]-14[illegible]ROPHONE	5079	P72	202.25	444	2/7202285	C1
4[illegible]-14[illegible]SENHEISER MKH 125						C2
4[illegible]-14[illegible]ROPHONE	5079	P72	202.25	444	2/7202284	C1
4[illegible]-14[illegible]SENHEISER MKH 125						C2
4424-14[illegible]IXER	5079	P72	1122.99	444	2/721261	C1
4[illegible]-14[illegible]1 SENNHEISER						C2
4[illegible]-11CAMERA	5073		174.16	2127	4/674C77743	1
4[illegible]-11[illegible]AM 6 MILIMETER [illegible]S ID # 2020A-11 C						2

4103-10[illegible] VAN	3073	P71	1398.8717798	3/71705-23-227	1
4103-10MOBILE 2500 OFFICE TRAILER			C*		2
4121-10COLLATOR	3073	A71	925.8617934	11/70GS-005-53054	1
4121-10SEMI-AUTOMATIC 10 STATION			C*		2
4132-17CA LOAT	3073	A71	429.2617911	3/71	1
4132-17TD 9000 TAPE DRIVE			I		2
4153-10GARBAGE DISP.	3073	A71	84.4617953	3/71	1
4153-10AITCHEN AT OMEGA			C		2
4416-14LIFT SEAT	5079	P72	134.60 0448	03/72	1
4416-14OPERATOR'S LIFT SEAT 146-020					2
4417-14CASE	5079	P72	69.60 0448	03/72	1
4417-14CASE FOR LIFT SEAT 146-021					2
4418-12PROJECTOR	5079	P72	3011.00 444	2/72395-00653	C1
4418-12PALMER INTERLOCK MODEL P					C2
4419-14CRYSTAL	5079	P72	225.49 444	2/72	C1
4419-14MAGNA 3BX					C2
4421-14MOTOR	5079	P72	1710.00 444	2/726782	C1
4421-14PE-ELECTRONE CRYSTAL MPR					C2
4422-14MICROPHONE	5079	P72	312.45 444	2/7209636	C1
4422-14SENNHEISER MKH 405					C2
4422-14MICROPHONE	5079	P72	202.25 444	2/7202285	C1
4422-14SENNHEISER MKH 125					C2
4423-14MICROPHONE	5079	P72	202.25 444	2/7202264	C1
4423-14SENNHEISER MKH 125					C2
4424-14MIXER	5077	P72	1122.99 444	2/721261	C1
4424-14[illegible] SENNHEISER					C2
4511-11CAMERA	3073		174.66 2127	4/67+077743	1
4511-11KODAK 8 MILIMETER MAS ID # 2020A-11 C					2

Attachment 4
Sample Run

JULY 2n, 1972 PAGE 1

SORTED BY LOCAL ID NUMBER

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADD PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CHALKBOARD	1512-709	182-15		0	21.16	793	11/66			I
CHAIR	1512-249	183- 3		0	66.64	830	11/66		ARMCHAIR	C
DESK	1512-114A	184- 4		0	177.03	1317	1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317	1/67		SECRETARIAL	S
CHAIR	1512-212A	186- 3		0	92.56	427	9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427	9/66		CONFERENCE	I
DESK	1512-116A	188- 4		0	166.75	1230	1/67		STAFF	C
BULLETIN BOARD	1512-725	189-15		0	16.89	1166	12/66			C
CHAIR	1512-218A	190- 3		0	92.56	427	9/66		CONFERENCE	I
CABINET	1512-559	191- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
DRAWING BOARD	1512-149	192- 6		0	231.30	590&	767 11/66		W/LIGHT	C
DESK LAMP	1512-803	193-16		0	27.86	803	11/66		LUXO-FLUORESCENT	C
CHAIR	1512-223	194- 3		0	100.36	427	9/66		YELLOW SWIVEL	C
DESK	1512-113A	195- 4		0	166.75	1230	1/67		STAFF	C
BULLETIN BOARD	1512-745	196-15		0	33.16	502	9/66			C
DICTATING MACHINE	1512-409	197- 8		0	430.00	226	7/66	11-176809	IBM EX.MODEL 211	CBAY 3
TABLE	1512-117A	198- 6		0	166.75	1230	1/67		STAFF	S
CABINET	1512-537	199- 2		0	66.56	360	8/66		FILING, 2 DRAWER	I
CHALKBOARD	1512-719	200-15		0	21.16	793	11/66			CW
CHAIR	1512-231A	201- 3		0	6.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-230A	202- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
DESK	1512-153	203- 4		0	192.40	819	11/66		JR. EXEC.	CW
CABINET	1512-557	204- 2		0	92.56	360	8/66		FILING, 4 DRAWER	CE
DESK	1512-154	205- 4		0	192.40	819	11/66		JR. EXEC	C
BINDER	1512-408	206-10		0	378.14	326	8/66	1305126		CW
TYPEWRITER	1512-318	207- 9		0	468.00	1050	12/66	2730377	IBM	CW 15
TYPEWRITER STOLEN	1512-328	208- 9		0	234.00	1672	2/67	V6LR-428929	SMITH-CORONA	STOLEN
CHAIR	1512-262	209- 3		0	45.76	897	11/66		SECRETARIAL	C
CHALKBOARD	1512-710	210-15		0	21.16	793	11/66			C
DESK	1512-119A	211- 4		0	166.75	1230	1/67		STAFF	C
CHAIR	1512-247	212- 3		0	66.64	830	11/66		ARMCHAIR	C
TYPEWRITER STAND	1512-151	213- 5		0	33.80	897	11/66		GREEN	CW
TYPEWRITER	1512-315	214- 9		0	468.00	1050	12/66	2730363	IBM	1122
CABINET	1512-533	215- 2		0	66.49	664	10/66		FILING, 4 DRAWER	CE
DESK	1512-155	216- 4		0	192.40	819	11/66		JR. EXEC	CE
CHALKBOARD	1512-703	217-15		0	21.16	793	11/66			C
CABINET	1512-556	218- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CHALKBOARD	1512-707	219-15		0	21.16	793	11/66			C
CHAIR	1512-269	220- 3		0	49.92	819	11/66		STENO.	C
TABLE,SECTIONAL	1512-167	221- 6		0	21.64	990	12/66		CURVED	S
TABLE	1512-152	222- 6		0	21.41	930	11/66		TEST	CW
CHAIR	1512-232A	223- 3		0	5.21	930	12/66		CHILDS	C
CHAIR	1512-233A	224- 3		0	5.21	990	12/66		CHILDS	C
CABINET	3073	4165- 3	A	71	41.00	17757			5 DR GREY FILE CABINET	S

JULY 25, 1972

CONTRACT NUMBER 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94*	0.00*	0.00*	0.00*	5084.94*

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2888.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40*	2888.27*	1638.87*	0.00*	6132.26*

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78*	0.00*	6990.78*	0.00*	0.00*

GRAND TOTAL COMPANY	22735.12**	2888.27**	8629.65**	0.00**	11217.20**

SORTED BY CATEGORY NUMBER

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
MIXER	5079	4424- 0	P	72	1122.99	444	2/72	1281	M101 SENNEISER	
MICROPHONE	5079	4423- 0	P	72	202.25	444	2/72	02284	SENNHEISER MKH 125	
MICROPHONE	5079	4422- 0	P	72	202.25	444	2/72	02285	SENNHEISER MKH 125	
MICROPHONE	5079	4421- 0	P	72	312.40	444	2/72	09636	SENNHEISER MKH 405	
MOTOR	5079	4420- 0	P	72	1710.00	444	2/72	6782	PERFECTONE CRYSTAL NPR	
CRYSTAL	5079	4419- 0	P	72	225.49	444	2/72		NAGRA QGX	
PROJECTOR	5079	4418- 0	P	72	3011.00	444	2/72	395-00653	PALMER INTERLOCK MODEL P	
CASE	5079	4417- 0	P	72	69.60	448	3/72		CASE FOR LIFT SEAT, 146-	
LIFT SEAT	5079	4416- 0	P	72	134.80	448	3/72		OPERATOR'S, 146-020	
CABINET	1512-559	191- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CABINET	1512-537	199- 2		0	66.56	360	8/66		FILING, 2 DRAWER	I
CABINET	1512-557	204- 2		0	92.56	360	8/66		FILING, 4 DRAWER	CE
CABINET	1512-533	215- 2		0	85.49	664	10/66		FILING, 4 DRAWER	CE
CABINET	1512-556	218- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CHAIR	1512-249	183- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-212A	186- 3		0	92.56	427	9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-218A	190- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-223	194- 3		0	100.36	427	9/66		YELLOW SWIVEL	C
CHAIR	1512-230A	202- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-231A	201- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-262	209- 3		0	45.76	897	11/66		SECRETARIAL	C
CHAIR	1512-247	212- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-269	220- 3		0	49.92	819	11/66		STENO.	C
CHAIR	1512-202A	223- 3		0	5.20	990	12/66		CHILDS	C
CHAIR	1512-200A	224- 3		0	5.20	990	12/66		CHILDS	C
CABINET	3073	4165- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4166- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4167- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CALCULATOR	3073	4177- 3	A	71	966.04	17733	3/71	7003201	SHARP 361 M	CE
CHAIR	3073	4178- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
CHAIR	3073	4179- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
DESK	1512-114A	184- 4		0	177.03	1317	1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317	1/67		SECRETARIAL	S
DESK	1512-116A	188- 4		0	156.75	1230	1/67		STAFF	C
DESK	1512-117A	189- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-153	208- 4		0	192.40	819	11/66		JR. EXEC.	CW
DESK	1512-154	205- 4		0	192.40	819	11/66		JR. EXEC	C
DESK	1512-119A	211- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-155	216- 4		0	192.40	819	11/66		JR. EXEC	CE
DESK	3073	4175- 4	A	71	109.00	17612	1/71		STAFF DESK NO. MIDDLE DRAWER	I
TYPEWRITER STA	1512-151	213- 5		0	33.80	897	11/66		GREEN	CW
DRAWING BOARD	1512-149	192- 6		0	231.30	5966	767 11/66		W/LIGHT	C
TABLE	1512-117A	196- 6		0	156.75	1230	1/67		STAFF	S

SORTED BY CATEGORY NUMBER

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
TABLE,SECTIONAL	1512-167	221- 6		0	21.84	990	12/66		CURVED	S
TABLE	1512-152	222- 6		0	21.40	930	11/66		TEST	CW
DICTATING MACHINE	1512-409	197- 8		0	430.00	226	7/66	11-176809	IBM EX.MODEL 211	CBAY 3
TYPEWRITER	1512-318	207- 9		0	468.00	1050	12/66	2730377	IBM	CW 15
TYPEWRITER STOLEN	1512-328	208- 9		0	234.00	1672	2/67	V6LR-428929	SMITH-CORONA	STOLEN
TYPEWRITER	1512-315	214- 9		0	468.00	1050	12/66	2730363	IBM	I122
BINDER	1512-408	206-10		0	378.14	326	8/66	1305126		CW
JOGGER	3073	4168-10	A	71	105.00	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
VIB. ROLLER	3073	4169-10	A	71	66.50	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
COLLATOR	3073	4181-10	A	71	925.00	17934	11/70	GS-005-83054	SEMI-AUTOMATIC 16 STATION	CW
CAMERA	3073	4511-11		0	174.06	2127	4/67	#C77743	KODAK 8 MILIMETER WAS ID # 2028A-11	C
MICROPHONE	3073	4173-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
MICROPHONE	3073	4174-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
CHALKBOARD	1512-709	182-15		0	21.16	793	11/66			I
BULLETIN BOARD	1512-725	189-15		0	16.89	1166	12/66			C
BULLETIN BOARD	1512-745	196-15		0	33.18	502	9/66			C
CHALKBOARD	1512-719	200-15		0	21.16	793	11/66			CW
CHALKBOARD	1512-710	210-15		0	21.16	793	11/66			C
CHALKBOARD	1512-708	217-15		0	21.16	793	11/66			C
CHALKBOARD	1512-707	219-15		0	21.16	793	11/66			C
DESK LAMP	1512-803	193-16		0	27.88	803	11/66		LUXO-FLUORESCENT	C
FILM RACK	3073	4176-16		0	169.20	17623	11/70		TO STORE 16MM FILM-NO DOORS	C
MOBILE VAN	3073	4180-16	P	71	1398.87	17798	3/71	705-23-227	MODEL 2300 OFFICE TRAILER	CW
GARBAGE DISP.	3073	4183-16	A	71	84.45	17963	3/71		KITCHEN AT CIENEGA	C
MODEMS	3073	4170-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
MODEMS	3073	4171-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
TEL. TERM 2	3073	4172-17		0	4875.00	17574	1/71		BASE UNIT BLACK MODE OR MEMORY	I
CABINET	3073	4182-17	A	71	429.28	17911	3/71		TO HOUSE TAPE DRIVE	I

JULY 26, 1972

CONTRACT NUMBER 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94•	0.00•	0.00•	0.00•	5084.94•

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2888.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40•	2888.27•	1638.87•	0.00•	6132.26•

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78•	0.00•	6990.78•	0.00•	0.00•

GRAND TOTAL COMPANY	22735.12••	2888.27••	8629.65••	0.00••	11217.20••

SORTED BY CHECK NUMBER

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
DICTATING MACHINE	1512-409	197- 8		0	430.00	226	7/66	11-176809	IBM EX.MODEL 211	CBAY 3
BINDER	1512-408	206-10		0	378.14	326	8/66	1305126		CW
CABINET	1512-559	191- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CABINET	1512-537	199- 2		0	66.56	360	8/66		FILING, 2 DRAWER	I
CABINET	1512-557	204- 2		0	92.56	360	8/66		FILING, 4 DRAWER	CE
CABINET	1512-556	218- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CHAIR	1512-212A	186- 3		0	92.56	427	9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-218A	190- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-223	194- 3		0	100.36	427	9/66		YELLOW SWIVEL	C
PROJECTOR	5079	4418- 0	P	72	3011.00	444	2/72	395-00653	PALMER INTERLOCK MODEL P	
CRYSTAL	5079	4419- 0	P	72	225.49	444	2/72		NAGRA QGX	
MOTOR	5079	4420- 0	P	72	1710.00	444	2/72	6782	PERFECTONE CRYSTAL NPR	
MICROPHONE	5079	4421- 0	P	72	312.40	444	2/72	09636	SENNHEISER MKH 405	
MICROPHONE	5079	4422- 0	P	72	202.25	444	2/72	02285	SENNHEISER MKH 125	
MICROPHONE	5079	4423- 0	P	72	202.25	444	2/72	02284	SENNHEISER MKH 125	
MIXER	5079	4424- 0	P	72	1122.99	444	2/72	1281	M101 SENNFISER	
LIFT SEAT	5079	4416- 0	P	72	134.80	448	3/72		OPERATOR'S, 146-020	
CASE	5079	4417- 0	P	72	69.60	448	3/72		CASE FOR LIFT SEAT, 146-	
BULLETIN BOARD	1512-745	196-15		0	33.18	502	9/66			C
DRAWING BOARD	1512-149	192- 6		0	231.30	590A	767 11/66		W/LIGHT	C
CABINET	1512-533	215- 2		0	85.49	664	10/66		FILING, 4 DRAWER	CE
CHALKBOARD	1512-709	182-15		0	21.16	793	11/66			I
CHALKBOARD	1512-719	200-15		0	21.16	793	11/66			CW
CHALKBOARD	1512-710	210-15		0	21.16	793	11/66			C
CHALKBOARD	1512-708	217-15		0	21.16	793	11/66			C
CHALKBOARD	1512-707	219-15		0	21.16	793	11/66			C
DESK LAMP	1512-803	193-16		0	27.86	803	11/66		LUXO-FLUORESCENT	C
DESK	1512-153	203- 4		0	192.40	819	11/66		JR. EXEC.	CW
DESK	1512-154	205- 4		0	192.40	819	11/66		JR. EXEC	C
DESK	1512-155	216- 4		0	192.40	819	11/66		JR. EXEC	CE
CHAIR	1512-269	220- 3		0	49.92	819	11/66		STENO.	C
CHAIR	1512-249	183- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-247	212- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-262	209- 3		0	45.76	897	11/66		SECRETARIAL	C
TYPEWRITER STAND	1512-151	213- 5		1	33.80	897	11/66		GREEN	CW
CHAIR	1512-231A	201- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-230A	202- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
TABLE	1512-152	222- 6		0	21.40	930	11/66		TEST	CW
TABLE,SECTIONAL	1512-167	221- 6		0	21.84	990	12/66		CURVED	S
CHAIR	1512-2[illegible]4	223- 3		0	5.20	990	12/66		CHILDS	C
CHAIR	1512-2[illegible]4	224- 3		0	5.20	990	12/66		CHILDS	C
TYPEWRITER	1512-315	217- 9		0	466.00	1050	12/66	2730377	IBM	CW 15
TYPEWRITER	1512-315	214- 9		0	466.00	1050	12/66	2730363	IBM	I122

SORTED BY CHECK NUMBER

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
BULLETIN BOARD	1512-725	189-15		0	16.89	1166	12/66			C
DESK	1512-116A	188- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-118A	195- 4		0	166.75	1230	1/67		STAFF	C
TABLE	1512-117A	198- 6		0	166.75	1230	1/67		STAFF	S
DESK	1512-119A	211- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-114A	184- 4		0	177.03	1317	1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317	1/67		SECRETARIAL	S
TYPEWRITER STOLEN	1512-328	208- 9		0	234.00	1672	2/67	V6LR-428929	SMITH-CORONA	STOLEN
CAMERA	3073	4511-11		0	174.06	2127	4/67	#C77743	KODAK 8 MILIMETER WAS ID # 2028A-11	C
JOGGER	3073	4166-10	A	71	105.00	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
VIB. ROLLER	3073	4169-10	A	71	66.50	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
MODEMS	3073	4170-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
MODEMS	3073	4171-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
TEL. TERM 2	3073	4172-17		0	4875.00	17574	1/71		BASE UNIT BLACK MODE OR MEMORY	I
DESK	3073	4175- 4	A	71	109.00	17612	1/71		STAFF DESK NO. MIDDLE DRAWER	I
FILM RACK	3073	4176-16		0	169.20	17623	11/70		TO STORE 16MM FILM-NO DOORS	C
MICROPHONE	3073	4173-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
MICROPHONE	3073	4174-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
CALCULATOR	3073	4177- 3	A	71	986.04	17733	3/71	7003201	SHARP 361 M	CE
CABINET	3073	4165- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4166- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4167- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CHAIR	3073	4178- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
CHAIR	3073	4179- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
MOBILE VAN	3073	4180-16	P	71	1398.87	17798	3/71	705-23-227	MODEL 2300 OFFICE TRAILER	CW
CABINET	3073	4182-17	A	71	429.26	17911	3/71		TO HOUSE TAPE DRIVE	I
COLLATOR	3073	4181-10	A	71	925.00	17934	11/70	GS-005-83054	SEMI-AUTOMATIC 16 STATION	CW
GARBAGE DISP.	3073	4183-16	A	71	84.45	17963	3/71		KITCHEN AT CIENEGA	C

JULY 20, 1972

CONTRACT NUMBER 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94*	0.00*	0.00*	0.00*	5084.94*

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2888.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40*	2888.27*	1638.87*	0.00*	6132.26*

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78*	0.00*	6990.78*	0.00*	0.00*

GRAND TOTAL COMPANY	22735.12**	2888.27**	8629.65**	0.00**	11217.20**

SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CHALKBOARD	1512-709	182-15		0	21.16	793	11/66			I
CHAIR	1512-249	183- 3		0	68.64	830	11/66		ARMCHAIR	C
DESK	1512-114A	184- 4		0	177.03	1317	1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317	1/67		SECRETARIAL	S
CHAIR	1512-212A	186- 3		0	92.56	427	9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427	9/66		CONFERENCE	I
DESK	1512-116A	188- 4		0	166.75	1230	1/67		STAFF	C
BULLETIN BOARD	1512-725	189-15		0	16.69	1166	12/66			C
CHAIR	1512-218A	190- 3		0	92.56	427	9/66		CONFERENCE	I
CABINET	1512-559	191- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
DRAWING BOARD	1512-140	192- 6		0	231.30	5908	767 11/66		W/LIGHT	C
DESK LAMP	1512-803	193-16		0	27.86	803	11/66		LUXO-FLUORESCENT	C
CHAIR	1512-223	194- 3		0	100.36	427	9/66		YELLOW SWIVEL	C
DESK	1512-118A	195- 4		0	166.75	1230	1/67		STAFF	C
BULLETIN BOARD	1512-745	196-15		0	33.18	502	9/66			C
DICTATING MACHINE	1512-409	197- 8		0	430.00	226	7/66	11-176809	IBM EX.MODEL 211	CBAY 3
TABLE	1512-117A	198- 6		0	166.75	1230	1/67		STAFF	S
CABINET	1512-537	199- 2		0	66.56	360	8/66		FILING, 2 DRAWER	I
CHALKBOARD	1512-719	200-15		0	21.16	793	11/66			CW
CHAIR	1512-231A	201- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-230A	202- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
DESK	1512-153	203- 4		0	192.40	819	11/66		JR. EXEC.	CW
CABINET	1512-557	204- 2		0	92.56	360	8/66		FILING, 4 DRAWER	CE
DESK	1512-154	205- 4		0	192.40	819	11/66		JR. EXEC	C
RIDER	1512-405	206-10		0	378.14	326	8/66	1305126		CW
TYPEWRITER	1512-318	207- 9		0	468.00	1050	12/66	2730377	IBM	CW 15
TYPEWRITER STOLEN	1512-324	208- 9		0	234.00	1672	2/67	V6LR-428529	SMITH-CORONA	STOLEN
CHAIR	1512-262	209- 3		0	45.76	897	11/66		SECRETARIAL	C
CHALKBOARD	1512-710	210-15		0	21.16	793	11/66			C
DESK	1512-119A	211- 4		0	166.75	1230	1/67		STAFF	C
CHAIR	1512-247	212- 3		0	68.64	830	11/66		ARMCHAIR	C
TYPEWRITER STAND	1512-131	213- 5		0	33.80	897	11/66		GREEN	CW
TYPEWRITER	1512-315	214- 9		0	468.00	1050	12/66	2730363	IBM	I122
CABINET	1512-533	215- 2		0	85.49	664	10/66		FILING, 4 DRAWER	CE
DESK	1512-155	216- 4		0	192.40	819	11/66		JR. EXEC	CE
CHALKBOARD	1512-708	217-15		0	21.16	793	11/66			C
CABINET	1512-556	218- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CHALKBOARD	1512-707	219-15		0	21.16	793	11/66			C
CHAIR	1512-254	220- 3		0	49.92	819	11/66		STENO.	C
TABLE,SECTIONAL	1512-107	221- 6		0	21.84	990	12/66		CURVED	S
TABLE	1512-132	222- 6		0	21.40	930	11/66		TEST	CW
CHAIR	1512-214A	223- 3		0	9.21	990	12/66		CHILDS	C

SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CHAIR	1512-2004	224- 3		0	5.20	990	12/66		CHILDS	C

JULY 26, 1972

CONTRACT NUMBER: 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94•	0.00•	0.00•	0.00•	5084.94•

SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER 3073

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CABINET	3073	4165- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4166- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4167- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
JOGGER	3073	4168-10	A	71	105.00	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
VIB. ROLLER	3073	4169-10	A	71	66.50	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
MODEMS	3073	4170-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
MODEMS	3073	4171-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
TEL. TERM 2	3073	4172-17		0	4875.00	17574	1/71		BASE UNIT BLACK MODE OR MEMORY	I
MICROPHONE	3073	4173-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
MICROPHONE	3073	4174-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
DESK	3073	4175- 4	A	71	109.00	17612	1/71		STAFF DESK NO. MIDDLE DRAWER	I
FILM RACK	3073	4176-16		0	109.20	17623	11/70		TO STORE 16MM FILM-NO DOORS	C
CALCULATOR	3073	4177- 3	A	71	935.14	17733	3/71	7003201	SHARP 361 M	CE
CHAIR	3073	4178- 3		0	42.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
CHAIR	3073	4179- 3		0	42.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
MOBILE VAN	3073	4180-16	P	71	13998.87	17738	3/71	705-23-227	MODEL 2300 OFFICE TRAILER	CW
COLLATOR	3073	4181-10	A	71	925.00	17934	11/70	GS-005-83054	SEMI-AUTOMATIC 16 STATION	CW
CABINET	3073	4182-17	A	71	429.28	17911	3/71		TO HOUSE TAPE DRIVE	I
GARBAGE DISP.	3073	4183-16	A	71	84.45	17963	3/71		KITCHEN AT CIENEGA	C
CAMERA	3073	4211-11		0	174.06	2127	4/67	#C77743	KODAK 8 MILIMETER WAS ID # 2028A-11	C

JULY 26, 1972

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2388.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40*	2388.27*	1638.87*	0.00*	6132.26*

SORTED BY LOCAL ID NUMBER PER CONTRACT NUMBER 5079

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
LIFT SEAT	5079	4416- 0	P	72	134.80	448	3/72		OPERATOR'S, 146-020	
CASE	5079	4417- 0	P	72	69.60	448	3/72		CASE FOR LIFT SEAT, 146-	
PROJECTOR	5079	4418- 0	P	72	3011.00	444	2/72	395-00653	PALMER INTERLOCK MODEL P	
CRYSTAL	5079	4419- 0	P	72	225.49	444	2/72		NAGRA QGX	
MOTOR	5079	4420- 0	P	72	1710.00	444	2/72	6782	PERFECTONE CRYSTAL NPR	
MICROPHONE	5079	4421- 0	P	72	312.40	444	2/72	09636	SENNHEISER MKH 405	
MICROPHONE	5079	4422- 0	P	72	202.25	444	2/72	02285	SENNHEISER MKH 125	
MICROPHONE	5079	4423- 0	P	72	202.25	444	2/72	02284	SENNHEISER MKH 125	
MIXER	5079	4424- 0	P	72	1122.99	444	2/72	1261	M101 SENNEISER	

JULY 26, 1972

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78•	0.00•	6990.78•	0.00•	0.00•

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SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER		DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CABINET	1512-559	191- 2		0	66.56	360		8/66		FILING, 2 DRAWER	C
CABINET	1512-537	199- 2		0	66.56	360		8/66		FILING, 2 DRAWER	I
CABINET	1512-557	204- 2		0	92.56	360		8/66		FILING, 4 DRAWER	CE
CABINET	1512-533	215- 2		0	85.49	664		10/66		FILING, 4 DRAWER	CE
CABINET	1512-556	216- 2		0	66.56	360		8/66		FILING, 2 DRAWER	C
CHAIR	1512-249	183- 3		0	68.64	830		11/66		ARMCHAIR	C
CHAIR	1512-212A	186- 3		0	92.56	427		9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427		9/66		CONFERENCE	I
CHAIR	1512-218A	190- 3		0	92.56	427		9/66		CONFERENCE	I
CHAIR	1512-223	194- 3		0	100.36	427		9/66		YELLOW SWIVEL	C
CHAIR	1512-230A	202- 3		0	8.66	930		11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-231A	201- 3		0	8.66	930		11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-262	209- 3		0	45.76	897		11/66		SECRETARIAL	C
CHAIR	1512-247	212- 3		0	68.64	930		11/66		ARMCHAIR	C
CHAIR	1512-269	220- 3		0	49.92	819		11/66		STENO.	C
CHAIR	1512-202A	223- 3		0	5.20	990		12/66		CHILDS	C
CHAIR	1512-200A	224- 3		0	5.20	990		12/66		CHILDS	C
DESK	1512-114A	184- 4		0	177.03	1317		1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317		1/67		SECRETARIAL	S
DESK	1512-116A	188- 4		0	166.75	1230		1/67		STAFF	C
DESK	1512-118A	196- 4		0	166.75	1230		1/67		STAFF	C
DESK	1512-153	203- 4		0	192.40	819		11/66		JR. EXEC.	CW
DESK	1512-154	205- 4		0	192.40	819		11/66		JR. EXEC	C
DESK	1512-119A	211- 4		0	166.75	1230		1/67		STAFF	C
DESK	1512-155	216- 4		0	192.40	819		11/66		JR. EXEC	CE
TYPEWRITER STAND	1512-151	213- 5		0	33.80	897		11/66		GREEN	CW
DRAWING BOARD	1512-149	192- 6		0	231.30	5908	767	11/66		W/LIGHT	C
TABLE	1512-117A	198- 6		0	166.75	1230		1/67		STAFF	S
TABLE,SECTIONAL	1512-167	221- 6		0	21.64	990		12/66		CURVED	S
TABLE	1512-152	222- 6		0	21.40	930		11/66		TEST	CW
DICTATING MACHINE	1512-409	197- 8		0	430.00	226		7/66	11-176809	IBM EX.MODEL 211	CBAY 3
TYPEWRITER	1512-318	207- 9		0	468.00	1050		12/66	2730377	IBM	CW 15
TYPEWRITER STOLEN	1512-328	208- 9		0	234.00	1672		2/67	V6LR-428929	SMITH-CORONA	STOLEN
TYPEWRITER	1512-315	214- 9		0	468.00	1050		12/66	2730363	IBM	I122
BINDER	1512-408	206-10		0	378.14	326		8/66	1305126		CW
CHALKBOARD	1512-709	182-15		0	21.16	793		11/66			I
BULLETIN BOARD	1512-725	189-15		0	16.89	1166		12/66			C
BULLETIN BOARD	1512-745	196-15		0	33.18	502		9/66			C
CHALKBOARD	1512-719	200-15		0	21.16	793		11/66			CW
CHALKBOARD	1512-710	210-15		0	21.16	793		11/66			C
CHALKBOARD	1512-708	217-15		0	21.16	793		11/66			C
CHALKBOARD	1512-707	219-15		0	21.16	793		11/66			C

SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
DESK LAMP	1512-803	193-16		0	27.88	803	11/66		LUXO-FLUORESCENT	C

JULY 25, 1972

CONTRACT NUMBER 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94•	0.00•	0.00•	0.00•	5084.94•

SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER 3073

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CABINET	3073	4165- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4166- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4167- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CALCULATOR	3073	4177- 3	A	71	986.04	17733	3/71	7003201	SHARP 361 M	CE
CHAIR	3073	4178- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
CHAIR	3073	4179- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
DESK	3073	4175- 4	A	71	109.00	17612	1/71		STAFF DESK NO. MIDDLE DRAWER	I
JOGGER	3073	4168-10	A	71	105.00	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
VIB. ROLLER	3073	4169-10	A	71	66.50	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
COLLATOR	3073	4181-10	A	71	925.00	17934	11/70	GS-005-83054	SEMI-AUTOMATIC 16 STATION	CW
CAMERA	3073	4511-11		0	174.06	2127	4/67	#C77743	KODAK 8 MILIMETER WAS ID # 2028A-11	C
MICROPHONE	3073	4173-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
MICROPHONE	3073	4174-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
FILM RACK	3073	4176-16		0	169.20	17623	11/70		TO STORE 16MM FILM-NO DOORS	C
MOBILE VAN	3073	4180-16	P	71	1398.87	17798	3/71	705-23-227	MODEL 2300 OFFICE TRAILER	CW
GARBAGE DISP.	3073	4183-16	A	71	84.45	17963	3/71		KITCHEN AT CIENEGA	C
MODEMS	3073	4170-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
MODEMS	3073	4171-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
TEL. TERM &	3073	4172-17		0	4875.00	17574	1/71		BASE UNIT BLACK MODE OR MEMORY	I
CABINET	3073	4182-17	A	71	429.26	17911	3/71		TO HOUSE TAPE DRIVE	I

JULY 26, 1972

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2888.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40*	2888.27*	1638.87*	0.00*	6132.26*

SORTED BY CATEGORY NUMBER PER CONTRACT NUMBER 5079

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
LIFT SEAT	5079	4416- 0	P	72	134.80	448	3/72		OPERATOR'S, 146-020	
CASE	5079	4417- 0	P	72	69.60	448	3/72		CASE FOR LIFT SEAT, 146-	
PROJECTOR	5079	4418- 0	P	72	3011.00	444	2/72	395-00653	PALMER INTERLOCK MODEL P	
CRYSTAL	5079	4419- 0	P	72	225.49	444	2/72		NAGRA QGX	
MOTOR	5079	4420- 0	P	72	1710.00	444	2/72	6782	PERFECTONE CRYSTAL NPR	
MICROPHONE	5079	4421- 0	P	72	312.40	444	2/72	09636	SENNHEISER MKH 405	
MICROPHONE	5079	4422- 0	P	72	202.25	444	2/72	02285	SENNHEISER MKH 125	
MICROPHONE	5079	4423- 0	P	72	202.25	444	2/72	02284	SENNHEISER MKH 125	
MIXER	5079	4424- 0	P	72	1122.99	444	2/72	1281	M101 SENNEISER	

JULY 25, 1972

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78*	0.00*	6990.78*	0.00*	0.00*

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SORTED BY CHECK NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
DICTATING MACHINE	1512-409	197- 8		0	430.00	226	7/66	11-176809	IBM EX.MODEL 211	CBAY 3
BINDER	1512-408	206-10		0	378.14	326	8/66	1305126		CW
CABINET	1512-559	191- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CABINET	1512-537	199- 2		0	66.56	360	8/66		FILING, 2 DRAWER	I
CABINET	1512-557	204- 2		0	92.56	360	8/66		FILING, 4 DRAWER	CE
CABINET	1512-556	218- 2		0	66.56	360	8/66		FILING, 2 DRAWER	C
CHAIR	1512-212A	186- 3		0	92.56	427	9/66		CONFERENCE	C
CHAIR	1512-287	187- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-218A	190- 3		0	92.56	427	9/66		CONFERENCE	I
CHAIR	1512-223	194- 3		0	100.36	427	9/66		YELLOW SWIVEL	C
BULLETIN BOARD	1512-745	196-15		0	33.16	502	9/66			C
DRAWING BOARD	1512-149	192- 6		0	231.30	590& 767	11/66		W/LIGHT	C
CABINET	1512-533	215- 2		0	85.49	664	10/66		FILING, 4 DRAWER	CE
CHALKBOARD	1512-709	182-15		0	21.16	793	11/66			I
CHALKBOARD	1512-719	200-15		0	21.16	793	11/66			CW
CHALKBOARD	1512-710	210-15		0	21.16	793	11/66			C
CHALKBOARD	1512-708	217-15		0	21.16	793	11/66			C
CHALKBOARD	1512-707	219-15		0	21.16	793	11/66			C
DESK LAMP	1512-803	193-16		0	27.88	803	11/66		LUXO-FLUORESCENT	C
DESK	1512-153	203- 4		0	192.40	819	11/66		JR. EXEC.	CW
DESK	1512-154	205- 4		0	192.40	819	11/66		JR. EXEC	C
DESK	1512-155	216- 4		0	192.40	819	11/66		JR. EXEC	CE
CHAIR	1512-259	220- 3		0	49.92	819	11/66		STENO.	C
CHAIR	1512-249	183- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-247	212- 3		0	68.64	830	11/66		ARMCHAIR	C
CHAIR	1512-262	209- 3		0	45.76	897	11/66		SECRETARIAL	C
TYPEWRITER STAND	1512-151	213- 5		0	33.80	897	11/66		GREEN	CW
CHAIR	1512-231A	201- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
CHAIR	1512-230A	202- 3		0	8.66	930	11/66		SM. BLACK (ARMLESS)	C
TABLE	1512-152	222- 6		0	21.40	930	11/66		TEST	CW
TABLE,SECTIONAL	1512-167	221- 6		0	21.84	990	12/66		CURVED	S
CHAIR	1512-202A	223- 3		0	5.20	990	12/66		CHILDS	C
CHAIR	1512-200A	224- 3		0	5.20	990	12/66		CHILDS	C
TYPEWRITER	1512-316	207- 9		0	468.00	1050	12/66	2730377	IBM	CW 15
TYPEWRITER	1512-315	214- 9		0	468.00	1050	12/66	2730363	IBM	I122
BULLETIN BOARD	1512-725	189-15		0	16.89	1166	12/66			C
DESK	1512-116A	188- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-118A	195- 4		0	166.75	1230	1/67		STAFF	C
TABLE	1512-117A	198- 6		0	166.75	1230	1/67		STAFF	S
DESK	1512-119A	211- 4		0	166.75	1230	1/67		STAFF	C
DESK	1512-114A	184- 4		0	177.03	1317	1/67		SECRETARIAL	CW
DESK	1512-115A	185- 4		0	177.03	1317	1/67		SECRETARIAL	S

SORTED BY CHECK NUMBER PER CONTRACT NUMBER 1512

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
TYPEWRITER STOLEN	1512-328	208- 9		0	234.00	1672	2/67	V6LR-428929	SMITH-CORONA	STOLEN

JULY 25, 1972

CONTRACT NUMBER 1512

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
TOTAL CONTRACT 1512	5084.94*	0.00*	0.00*	0.00*	5084.94*

SORTED BY CHECK NUMBER PER CONTRACT NUMBER 3073

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
CAMERA	3073	4511-11		0	174.06	2127	4/67	#C77743	KODAK 8 MILIMETER WAS ID # 2028A-11	C
JOGGER	3073	4168-10	A	71	105.00	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
VIB. ROLLER	3073	4169-10	A	71	66.50	17433	2/71		ATTACHMENT FOR 1250 DUPLICATOR(SEE CD	CW
MODEMS	3073	4170-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
MODEMS	3073	4171-17		0	375.00	17574	1/71		LIVERMORE MODEL 71 MODEMS W/TTY CORD	I
TEL. TERM 2	3073	4172-17		0	4875.00	17574	1/71		BASE UNIT BLACK MODE OR MEMORY	I
DESK	3073	4175- 4	A	71	109.00	17612	1/71		STAFF DESK NO. MIDDLE DRAWER	I
FILM RACK	3073	4176-16		0	169.20	17623	11/70		TO STORE 18MM FILM-NO DOORS	C
MICROPHONE	3073	4173-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
MICROPHONE	3073	4174-14	P	71	120.00	17626	2/71		OMNIDYNE DYNAMIC MICROPHONE	CW
CALCULATOR	3073	4177- 3	A	71	986.04	17733	3/71	7003201	SHARP 361 M	CE
CABINET	3073	4165- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4166- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CABINET	3073	4167- 3	A	71	61.00	17757			5 DR GREY FILE CABINET	S
CHAIR	3073	4178- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
CHAIR	3073	4179- 3		0	82.00	17768	3/71		DOUBLE WIDTH GOLD FOR LOBBY	CW
MOBILE VAN	3073	4180-16	P	71	1398.87	17798	3/71	705-23-227	MODEL 2300 OFFICE TRAILER	CW
CABINET	3073	4182-17	A	71	429.28	17911	3/71		TO HOUSE TAPE DRIVE	I
COLLATOR	3073	4181-10	A	71	925.00	17934	11/70	GS-005-83054	SEMI-AUTOMATIC 16 STATION	CW
GARBAGE DISP.	3073	4183-16	A	71	84.45	17963	3/71		KITCHEN AT CIENEGA	C

JULY 26, 1972

CONTRACT NUMBER 3073

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1971	4527.14	2888.27	1638.87	0.00	
TOTAL CONTRACT 3073	10659.40*	2888.27*	1638.87*	0.00*	6132.26*

SORTED BY CHECK NUMBER PER CONTRACT NUMBER 5079

ARTICLE	CONTRACT NUMBER	LOCAL ID	ADM PRO SP	YR	UNIT PRICE	CHECK NUMBER	DATE	SERIAL NUMBER	DESCRIPTION	LOCATION
PROJECTOR	5079	4418- 0	P	72	3011.00	444	2/72	395-00653	PALMER INTERLOCK MODEL P	
CRYSTAL	5079	4419- 0	P	72	225.49	444	2/72		NAGRA QGX	
MOTOR	5079	4420- 0	P	72	1710.00	444	2/72	6782	PERFECTONE CRYSTAL NPR	
MICROPHONE	5079	4421- 0	P	72	312.40	444	2/72	09636	SENNHEISER MKH 405	
MICROPHONE	5079	4422- 0	P	72	202.25	444	2/72	02285	SENNHEISER MKH 125	
MICROPHONE	5079	4423- 0	P	72	202.25	444	2/72	02284	SENNHEISER MKH 125	
MIXER	5079	4424- 0	P	72	1122.99	444	2/72	1281	M101 SENNEISER	
LIFT SEAT	5079	4416- 0	P	72	134.80	448	3/72		OPERATOR'S, 146-020	
CASE	5079	4417- 0	P	72	69.60	448	3/72		CASE FOR LIFT SEAT, 146-	

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JULY 26, 1972

CONTRACT NUMBER 5079

	TOTAL	ADMINISTRATIVE	PROGRAM	SPECIAL PROGRAM	NONE OF THESE
1972	6990.78	0.00	6990.78	0.00	
TOTAL CONTRACT 5079	6990.78*	0.00*	6990.78*	0.00*	0.00*

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```
0001                  INTEGER FUNCTION SORT(LISTS,IHEAD,N,COMPAR)
                      C
                      C     GENERAL SORT ROUTINE
                      C     LISTS IS AT LEAST N WORDS LONG, WHERE N IS THE NUMBER OF RECORDS
                      C     TO BE SORTED.
                      C     IHEAD IS ALSO N WORDS LONG AND IS USED AS A SCRATCH AREA.
                      C     COMPAR IS A 2-ARGUMENT INTEGER FUNCTION HAVING A NEGATIVE VALUE
                      C     IF THE RECORD REFERENCED BY THE FIRST ARGUMENT IS TO BE SORTED
                      C     BEFORE THE RECORD REFERENCED BY THE SECOND ARGUMENT, A ZERO VALUE
                      C     IF THE ORDER IS IMMATERIAL, AND A POSITIVE VALUE OTHERWISE.
                      C     SINCE SORT DEALS WITH RECORD INDEXES ONLY, THE SORT KEYS MAY BE
                      C     ARBITRARILY COMPLEX, AND THE RECORDS TO BE SORTED NEED NOT BE
                      C     IN MEMORY.
                      C
                      C     USAGE
                      C
                      C     INTEGER SORT
                      C     EXTERNAL COMPAR (OPTIONAL, COMPAR MAY BE INTERNAL)
                      C     I=SORT(LIST,IHEAD,N,COMPAR)
                      C   A IF (I.EQ.0) GO TO B
                      C     DO ANY PROCESSING FOR RECORD I HERE.
                      C   B CONTINUE
                      C     I=LIST(I)
                      C     GO TO A
                      C
0002                        IMPLICIT INTEGER (A-Z)
0003                        INTEGER COMPAR,DIRECT
0004                        INTEGER LISTS(N),IHEAD(N)
0005                        EQUIVALENCE (MP,DIRECT),(JHEAD,NCHAIN)
0006                        EXTERNAL COMPAR
                      C
                      C     START BY SCANNING ALL RECORDS AND DETECTING ASCENDING OR
                      C     DESCENDING CHAINS.  PUT THE HEADS OF THESE CHAINS IN HEAD.
                      C
0007                        M=1
                      C
                      C     INDICATE BEGINNING OF CHAIN
                      C
0008                        DIRECT=0
0009                        I=1
                      C
                      C     INDICATE RECORD 1 HEAD OF CHAIN
                      C
0010                        JHEAD=1
0011                        LISTS(1)=0
0012                1       IF(I.GE.N) GO TO 10
0013                        I1=I+1
                      C
                      C     CHECK SEQUENCE OF TWO ADJACENT RECORDS.
                      C
0014                        IF(COMPAR(I,I1)) 2,22,8
0015                22      IF(DIRECT) 9,3,4
                      C
                      C     RECORDS I,I+1 ARE IN ASCENDING SEQUENCE.
```

```
                C
0010        2   IF(DIRECT) 7,2,4
                C
                C   START A FORWARD CHAIN.
                C
0017        3   DIRECT=1
0018            JHEAD=I
                C
                C   CONTINUE A FORWARD CHAIN.
                C
0019        4   LISTS(I)=II
0020        5   I=II
0021            GO TO 1
                C
                C   END A CHAIN, GET A SEQUENCE CHANGE.
                C   INDICATE END OF CHAIN
                C
0022        6   LISTS(I)=0
                C
                C   SAVE HEAD OF CHAIN
                C
0023        7   IHEAD(M)=JHEAD
0024            M=M+1
0025            DIRECT=0
0026            GO TO 5
                C
                C   RECORDS I,I+1 ARE IN DESCENDING SEQUENCE.
                C
0027        8   IF(DIRECT) 9,99,6
                C
                C   START A BACKWARD CHAIN.
                C
0028        99  DIRECT=-1
                C
                C   INDICATE END OF CHAIN
                C
0029            LISTS(I)=0
                C
                C   CONTINUE A BACKWARD CHAIN
                C
0030        9   LISTS(II)=I
                C
                C   UPDATE HEAD OF CHAIN
                C
0031            JHEAD=II
0032            GO TO 5
                C
                C   END OF CHAIN DETECTION.  CLEAN UP AND START MERGE PASS.
                C
0033        10  IHEAD(M)=JHEAD
0034            IF (DIRECT.GT.0) LISTS(I)=0
0035            IF (DIRECT.EQ.0) IHEAD(M)=0
0036        11  I=1
0037            M=0
```

```
      0038          12    I=I+2
      0039                IF (I.LT.M) GO TO 15
      004C                IF (I.EQ.M) GO TO 14
      0041          13    M=MF
      0042                IF (M.NE.1) GO TO 11
      0043                SORT=IHEAD(1)
      0044                IHEAD(1)=0
      0045                RETURN
      0046          14    MF=MF+1
      0047                IHEAD(MF)=IHEAD(I)
      0048                IF (I.EQ.1) GO TO 13
      0049                IHEAD(I)=0
      005C                GO TO 13
      0051          15    J1=IHEAD(I)
      0052                J2=IHEAD(I+1)
      0053                IHEAD(I)=0
      0054                IHEAD(I+1)=0
      0055                I1=J1
      0056                I2=J2
      0057                MF=MF+1
      0058                NCHAIN=0
      0059          16    IF (COMPAR(J1,J2).LE.0) GO TO 17
                          C
                          C     J2 SHOULD COME BEFORE J1.
                          C
      006C                IF (NCHAIN.EQ.0) IHEAD(MF)=J2
      0061                IF(NCHAIN.EQ.1) LISTS(I1)=J2
      0062                NCHAIN=2
      0063                I2=J2
      0064                J2=LISTS(I2)
      0065                IF(J2.NE.0) GO TO 16
      0066                LISTS(I2)=J1
      0067                GO TO 12
                          C
                          C     J1 SHOULD COME BEFORE J2.
                          C
      006F          17    IF (NCHAIN.EQ.0) IHEAD(MF)=J1
      0069                IF (NCHAIN.EQ.2) LISTS(I2)=J1
      0070                NCHAIN=1
      0071                I1=J1
      0072                J1=LISTS(I1)
      0073                IF(J1.NE.0) GO TO 16
      0074                LISTS(I1)=J2
      0075                GO TO 12
      0076                END
```

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